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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**SCHEDULE 14A INFORMATION**

**Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934**

Filed by the Registrant  [X]

Filed by a Party other than the Registrant  [ ]

Check the appropriate box:

- [X] Preliminary Proxy Statement  
 [ ] **Confidential, for Use of the Commission Only** (as permitted by Rule 14a-6(e)(2))  
 [ ] Definitive Proxy Statement  
 [ ] Definitive Additional Materials  
 [ ] Soliciting Material Pursuant to Section 240.14a-12

**SINTX TECHNOLOGIES, INC.**

(Name of Registrant as Specified in Its Charter)

**Commission File Number: 001-33624**

**Not Applicable**

(Name of Persons Filing Proxy Statement If Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- [X] No fee required.  
 [ ] Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11.

1) Title of each class of securities to which transaction applies:

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2) Aggregate number of securities to which transaction applies:

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3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (Set forth the amount on which the filing fee is calculated and state how it was determined):

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4) Proposed maximum aggregate value of transaction:

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5) Total fee paid:

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[ ] Fee paid previously with preliminary materials.

[ ] Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

1) Amount Previously Paid:

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2) Form, Schedule or Registration Statement No.:

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3) Filing Party:

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4) Date Filed:

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SINTX Technologies, Inc.  
1885 West 2100 South  
Salt Lake City, UT 84119

**ANNUAL MEETING OF STOCKHOLDERS**  
**April 23, 2019**

**NOTICE OF MEETING**

The annual meeting of the stockholders of SINTX Technologies, Inc., a Delaware corporation, will be held at 10:00 a.m., local time, on April 23, 2019, at 1885 West 2100 South, Salt Lake City, UT 84119, for the following purposes:

- to elect two Class II directors to hold office for a term expiring at the annual meeting of stockholders to be held in 2022 or until their respective successors are elected and qualified;
- to approve an amendment to the Company's Restated Certificate of Incorporation to effectuate a reverse stock split of our issued and outstanding shares of Common Stock at a ratio of between 1-for-2 and 1-for-30, inclusive, which ratio will be selected at the sole discretion of our Board of Directors at any whole number in the above range, with any fractional shares that would otherwise be issued as a result of the reverse stock split being rounded up to the nearest whole share (the "Reverse Stock Split"); provided, that our Board of Directors may abandon the Reverse Stock Split in its sole discretion;
- to ratify the Audit Committee's appointment of Tanner LLC as SINTX's independent registered public accounting firm for the year ending December 31, 2019;
- to approve one or more adjournments of the annual meeting, if necessary or appropriate, to solicit additional proxies if there are insufficient votes at the time of the meeting to adopt one or more of the foregoing Proposals
- to act upon such other matters as may properly come before the meeting or any adjournment or postponement of the meeting and,

Stockholders at the close of business on March 6, 2019 are entitled to vote in person or by proxy at the annual meeting. The annual meeting will be open to the public.

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B. Sonny Bal  
Chief Executive Officer

March \_\_, 2019

**Important Notice Regarding the Availability of Proxy Materials for the Shareholders Meeting to be held April 23, 2019:**  
The proxy statement, notice of annual meeting, and annual report to shareholders are available at [ ] or from our Investor Relations website at <https://ir.sintx.com/annual-shareholder-materials>.

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SINTX Technologies, Inc.  
1885 West 2100 South  
Salt Lake City, UT 84119

**PROXY STATEMENT  
FOR  
ANNUAL MEETING OF STOCKHOLDERS**

**To be Held on April 23, 2019**

This proxy statement is provided to stockholders of SINTX Technologies, Inc. (the “Company”) in connection with the annual meeting of stockholders and any adjournments or postponements of the annual meeting. The annual meeting will be held at 10:00 a.m. local time, on April 23, 2019, at 1885 West 2100 South, Salt Lake City, UT 84119. Directions to the annual meeting can be obtained by calling the Company at (801) 839-3500.

This proxy statement and form of proxy are first being sent or given to our stockholders on or about March [ ], 2019, along with our Annual Report on Form 10-K for the fiscal year ended December 31, 2018, as filed with the Securities and Exchange Commission (the “SEC”) on March 11, 2019.

**ABOUT THE MEETING, VOTING, STOCKHOLDER PROPOSALS  
AND COMPANY INFORMATION**

**Q: Why did I receive this proxy statement?**

A: The Board of Directors is soliciting your proxy to vote at the annual meeting because you were a holder of the Company’s shares of common stock, par value \$0.01 per share (“Common Stock”), at the close of business on March 6, 2019, the record date, and are entitled to vote at the annual meeting. The annual meeting is being held for the purposes of obtaining stockholder approval for the following proposals (the “Proposals”):

1. To elect two Class II directors;
2. To approve an amendment to the Company’s Restated Certificate of Incorporation to effectuate a reverse stock split of our issued and outstanding shares of Common Stock at a ratio of between 1-for-2 and 1-for-30, inclusive, which ratio will be selected at the sole discretion of our Board of Directors at any whole number in the above range, with any fractional shares that would otherwise be issued as a result of the reverse stock split being rounded up to the nearest whole share (the “Reverse Stock Split”); provided, that our Board of Directors may abandon the Reverse Stock Split in its sole discretion;
3. To ratify the Audit Committee’s appointment of Tanner LLC as the Company’s independent registered public accounting firm for the year ending December 31, 2018; and
4. To approve one or more adjournments of the annual meeting, if necessary or appropriate, to solicit additional proxies if there are insufficient votes at the time of the meeting to adopt one or more of the foregoing Proposals.

**Q: What information is contained in this proxy statement?**

A: The information in this proxy statement relates to the Proposals to be voted on at the annual meeting, the voting process and certain other required information.

**Q: What should I do if I receive more than one set of voting materials?**

A: You may receive more than one set of voting materials, including multiple copies of this proxy statement and multiple proxy cards or voting instruction cards. For example, if you hold your shares in more than one brokerage account, you may receive a separate voting instruction card for each brokerage account in which you hold shares. If you are a stockholder of record and your shares of Common Stock are registered in more than one name, you will receive more than one proxy card. Please complete, sign, date and return each proxy card and voting instruction card that you receive.

**Q: How may I obtain an additional set of proxy materials?**

A: All stockholders may write to us at the following address to request an additional copy of these materials:

SINTX Technologies, Inc.  
1885 West 2100 South  
Salt Lake City, UT 84119  
Attention: Corporate Secretary

**Additionally, this proxy statement and notice of annual meeting are all available free of charge on our website at <http://investors.sintx.com/annual-meetings-proxies>**

**Q: What is the difference between holding shares as a stockholder of record and as a beneficial owner?**

A: If your shares are registered directly in your name with our transfer agent, American Stock Transfer & Trust Company, you are considered, with respect to those shares, the “stockholder of record.” If you are a stockholder of record, this proxy statement and a proxy card have been sent directly to you by the Company.

If your shares are held in a stock brokerage account or by a bank or other nominee, you are considered the “beneficial owner” of shares held in street name. If you own shares held in street name, this proxy statement has been forwarded to you by your broker, bank or nominee who is considered, with respect to those shares, the stockholder of record. As the beneficial owner, you have the right to direct your broker, bank or nominee how to vote your shares by using the voting instruction card included in the mailing or by following their instructions for voting by telephone or the Internet, if the broker, bank or nominee offers these alternatives. Since a beneficial owner is not the stockholder of record, you may not vote these shares in person at the annual meeting unless you obtain a “legal proxy” from the broker, bank or nominee that holds your shares, giving you the right to vote the shares at the annual meeting.

**Q: How do I vote?**

A: You may vote using any of the following methods:

- Proxy card or voting instruction card. Be sure to complete, sign and date the card and return it in the prepaid envelope.
- By Internet. If you are a stockholder of record, you may vote on the Internet using the instructions in the enclosed proxy card. If you own shares held in street name, you will receive voting instructions from your bank, broker or other nominee and may vote by telephone or on the Internet if they offer that alternative.
- In person at the annual meeting. All stockholders may vote in person at the annual meeting. You may also be represented by another person at the annual meeting by executing a proper proxy designating that person. If you own shares held in street name, you must obtain a legal proxy from your bank, broker or other nominee and present it to the inspector of election with your ballot when you vote at the annual meeting.

**Q: What can I do if I change my mind after I vote my shares?**

A: If you are a stockholder of record, you may revoke your proxy at any time before it is voted at the annual meeting by:

- sending written notice of revocation to our Corporate Secretary;
- submitting a new, proper proxy dated later than the date of the revoked proxy; or
- attending the annual meeting and voting in person.

If you own shares held in street name, you may submit new voting instructions by contacting your broker, bank or nominee. You may also vote in person at the annual meeting if you obtain a legal proxy as described in the answer to the previous question. Attendance at the annual meeting will not, by itself, revoke a proxy.

**Q: What if I return a signed proxy card, but do not vote for some of the matters listed on the proxy card?**

A: If you return a signed proxy card without indicating your vote, your shares will be voted in accordance with the Board of Director’s recommendations, “FOR” the approval of Proposal No. 1, “FOR” Proposal No. 2, “FOR” Proposal No. 3 and “FOR” Proposal No. 4.

**Q: Can my broker vote my shares for me without my instructions?**

A: Your broker or nominee will have discretionary authority to vote your shares with respect to “routine” proposals such as Proposal No. 2. and Proposal No. 3. Proposal No. 1 is not considered routine and your broker or nominee will not have discretionary authority to vote your shares on that proposal without your direction. Please provide voting instructions on the proposal described herein so your vote can be counted.

**Q: Can my shares be voted if I do not return my proxy card or voting instruction card and do not attend the annual meeting?**

A: If you do not vote your shares held of record (registered directly in your name, not in the name of a bank or broker), your shares will not be voted.

If you do not vote your shares held in street name with a broker, your broker will not be authorized to vote on Proposal No. 1, but will be authorized to vote on Proposal No. 2, Proposal 3 and Proposal No. 4.

**Q: What are the voting requirements with respect to each of the Proposals?**

A: *Proposal No. 1.* The two nominees for Class II director receiving the highest number of votes will be elected Class II directors. The proxy card enables a stockholder to vote “FOR” or “WITHHOLD” from voting as to each person nominated by the Board. “Withhold” votes and broker non-votes are not considered votes cast for the foregoing purpose, and will have no effect on the election of the nominees.

*Proposal No. 2.* The affirmative (“FOR”) vote of the holders of a majority of the votes outstanding and entitled to vote at the Annual Meeting is necessary to approve Proposal No. 2. Abstentions will have the same effect as votes against Proposal No. 2. We believe brokerage firms have authority to vote customers’ unvoted shares held by the firms in street name on this Proposal.

*Proposal No. 3.* This proposal requires the affirmative vote of a majority of the votes cast. Any shares not voted (whether by abstention or otherwise) have no impact on the vote. We believe brokerage firms have authority to vote customers’ unvoted shares held by the firms in street name on this Proposal.

*Proposal No. 4.* The affirmative (“FOR”) vote of the holders of a majority of the votes present in person or represented by proxy and entitled to vote on this Proposal and cast at the annual meeting is necessary to approve Proposal No. 4. Abstentions will have the same effect as votes against Proposal No. 4. Brokerage firms do not have authority to vote customers’ unvoted shares held by the firms in street name on this Proposal. As a result, any shares not voted by a customer will be treated as a broker non-vote. Such broker non-votes will have no effect on the outcome of Proposal No. 4.

**Q: How many votes do I have?**

A: As of March 6, 2019, the record date, there were 21,793,641 shares of our Common Stock outstanding and entitled to vote. Each share of our Common Stock that you own entitles you to one vote.

**Q: What happens if additional matters are presented at the annual meeting?**

A: Other than the items of business described in this proxy statement, we are not aware of any other business to be acted upon at the annual meeting. If you grant a proxy, the persons named as proxy holders, B. Sonny Bal and David Truetzel, will have the discretion to vote your shares on any additional matters properly presented for a vote at the annual meeting.

**Q: How many shares must be present or represented to conduct business at the annual meeting?**

A: A quorum will be present if at least a majority of the outstanding shares of our Common Stock entitled to vote is represented at the annual meeting, either in person or by proxy.

Both abstentions and broker non-votes (described below) are counted for the purpose of determining the presence of a quorum.

**Q: How can I attend the annual meeting?**

A: You are entitled to attend the annual meeting only if you were a stockholder of SINTX as of the close of business on March 6, 2019, the record date, or if you hold a valid proxy for the annual meeting. You should be prepared to present photo identification for admittance. If you are a stockholder of record, your name will be verified against the list of stockholders of record on the record date prior to your admission to the annual meeting. If you are not a stockholder of record, but hold shares through a broker, bank or nominee (i.e., in street name), you should provide proof of beneficial ownership on the record date, such as your most recent account statement prior to the record date, a copy of the voting instruction card provided by your broker, bank or nominee, or other similar evidence of ownership. If you do not provide photo identification or comply with the other procedures outlined above, you will not be admitted to the annual meeting.

The annual meeting will begin promptly at 10:00 a.m., local time on April 23, 2019. You should allow adequate time for check-in procedures.

**Q: How can I vote my shares in person at the annual meeting?**

A: Shares held in your name as the stockholder of record may be voted in person at the annual meeting. Shares held beneficially in street name may be voted in person at the annual meeting only if you obtain a legal proxy from the broker, bank or nominee that holds the shares giving you the right to vote the shares. Even if you plan to attend the annual meeting, we recommend that you also submit your proxy card or voting instruction card as described herein so your vote will be counted if you later decide not to attend the annual meeting.

**Q: What is the deadline for voting my shares?**

A: If you hold shares as the stockholder of record, your vote by proxy must be received before the polls close at the annual meeting, except that proxies submitted by the Internet must be received by 11:59 p.m., Eastern Time, on April 22, 2019.

If you hold shares beneficially in street name, please follow the voting instructions provided by your broker, bank or nominee. You may vote these shares in person at the annual meeting only if at the annual meeting you provide a legal proxy obtained from your broker, bank or nominee.

**Q: Is my vote confidential?**

A: Proxy instructions, ballots and voting tabulations that identify individual stockholders are handled in a manner that protects your voting privacy. Your vote will not be disclosed either within SINTX or to third parties, except: (1) as necessary to meet applicable legal requirements; (2) to allow for the tabulation of votes and certification of the vote; and (3) to facilitate a successful proxy solicitation. Occasionally, stockholders provide written comments on their proxy card, which are then forwarded to our management.

**Q: What is a broker non-vote?**

A: A broker non-vote occurs when a broker does not vote on a particular proposal with respect to shares of Common Stock held in a fiduciary capacity (typically referred to as being held in “street name”) because the broker has not received voting instructions from the beneficial owner. Under the rules that govern brokers who are voting with respect to shares held in street name, brokers have the discretion to vote such shares on routine matters, but not on non-routine matters. Routine matters include the ratification of auditors. Non-routine matters include matters such as the election of directors, the approval of, and amendments to, stock plans. Therefore, if you do not give your broker or nominee specific instructions, your shares will not be voted on non-routine matters and may not be voted on routine matters. However, shares represented by such “broker non-votes” will be counted in determining whether there is a quorum present at the annual meeting for the purpose of transacting business.

**Q: Where can I find the voting results of the annual meeting?**

A: We intend to announce preliminary voting results at the annual meeting and publish final voting results in a Current Report on Form 8-K to be filed with the United States Securities and Exchange Commission (“SEC”) within four business days after the annual meeting.

**Q: Who will bear the cost of soliciting votes for the annual meeting?**

A: The cost of this solicitation is being borne by SINTX. These costs will include the expense of preparing, assembling, printing and mailing the notice, this proxy statement and any other material used in the Company’s solicitation of proxies to stockholders of record and beneficial owners, and reimbursements paid to banks, brokerage firms, custodians and others for their reasonable out-of-pocket expenses for forwarding proxy materials to stockholders and obtaining beneficial owners’ voting instructions. Proxies may be solicited on our behalf by our directors, officers and regular employees by telephone or other means. There will be no special or additional compensation for these services. Stockholders voting via the telephone or Internet should understand that there may be costs associated with telephonic or electronic access, such as usage charges from telephone companies and internet access providers, which must be borne by the stockholder. We have retained the services of D.F. King & Co., Inc., a professional solicitation firm, as proxy solicitor for this annual meeting. We expect to pay D.F. King & Co., Inc. approximately \$8,500 for the services it will perform as proxy solicitor in connection with this annual meeting. Further, we will reimburse D.F. King & Co., Inc. for its reasonable out-of-pocket expenses in connection therewith. We have also agreed to indemnify D.F. King & Co., Inc. against certain liabilities relating to or arising out of the engagement.

**Q: What if I have questions for the Company’s transfer agent?**

A: Please contact our transfer agent at the telephone number or address listed below with any questions concerning stock certificates, transfer of ownership or other matters pertaining to your stock account.

American Stock Transfer & Trust Company LLC  
6201 15<sup>th</sup> Ave  
Brooklyn NY 11219  
1-800-937-5449  
[help@astfinancial.com](mailto:help@astfinancial.com)

**Q: Who can help answer my questions?**

A: If you have any questions about the annual meeting or how to vote or revoke your proxy, please contact:

SINTX Technologies, Inc.  
188 West 2100 South  
Salt Lake City, UT 84119  
Attention: Corporate Secretary

**Q: How does the Board recommend I vote my shares?**

A: The Board recommends a vote FOR each nominee for election to the Board, FOR approval of an amendment to the Company’s Restated Certificate of Incorporation to effectuate a reverse stock split of our issued and outstanding shares of Common Stock, and FOR ratification of the appointment of Tanner LLC.

**Q: How can I bring business to be presented from the floor of the annual meeting?**

A: Stockholders may present proposals for action at a future meeting if they comply with SEC rules, state law and our Bylaws. For nominations or other business to be properly brought before an annual meeting by a stockholder pursuant to our Bylaws, the stockholder must have given timely notice thereof in writing to the Secretary of the Corporation.

**Q: How can Stockholders recommend a candidate for election to the Board?**

A: Stockholders who wish to recommend a candidate for election to our Board should write to: Corporate Secretary, SINTX Technologies, Inc., 1885 West 2100 South, Salt Lake City, UT 84119, stating in detail the qualifications of a candidate for consideration by the Board. Additionally, our corporate Bylaws contain a detailed description of the process that must be followed by a stockholder in order to properly nominate a candidate for election to our Board. Information on how to obtain a copy of our Bylaws is provided below. In considering Board candidates, the Board seeks individuals of proven judgment and competence who have strong reputations in their respective fields. The Board considers such factors as experience, education, employment history, special talents or personal attributes, anticipated participation in Board activities, and geographic and diversity factors. The process for identifying and evaluating nominees would include detailed consideration of the recommendations and opinions of members of our Board, our executive officers, and our stockholders. There would be no difference in the process of evaluation of candidates recommended by a stockholder and those recommended by other sources.

**Q: How can I communicate with the Board?**

A: Stockholders interested in communicating directly with our Board may do so by writing to: Board of Directors, SINTX Technologies, Inc., 1885 West 2100 South, Salt Lake City, UT 84119. All such written correspondence is delivered to the director or directors to whom it is addressed or, if addressed generally to the Board, to all directors. Concerns relating to accounting, internal controls, or auditing matters are immediately forwarded to the Chief Executive Officer, Chief Financial Officer and Principal Accounting Officer, and Chairman of the Audit Committee.

**Q: Will the Board attend the Annual Meeting?**

A: We encourage attendance by members of the board and senior executives, but attendance is not required.



**Q: How can a stockholder submit a Stockholder Proposal for inclusion in the 2020 Proxy Statement; Discretionary Voting**

A: Stockholders interested in submitting a proposal for inclusion in our proxy statement for next year’s annual meeting must do so in compliance with our Bylaws and applicable SEC rules and regulations. Under Rule 14a-8 adopted by the SEC, to be considered for inclusion in our proxy materials for our 2020 annual meeting, a stockholder proposal, including nominations for directors, must be received in writing by our Corporate Secretary no later than 5:00 p.m. MST on November 12, 2019. If the date of our 2020 annual meeting is moved more than 30 days before or after the anniversary date of this year’s meeting, the deadline for inclusion of proposals in our proxy statement will instead be a reasonable time before we begin to print and mail our proxy materials next year. Any such proposals will also need to comply with the various provisions of Rule 14a-8, which governs the basis on which such stockholder proposals can be included or excluded from Company-sponsored proxy materials.

If a stockholder desires to submit a proposal, including nominations for directors, for consideration at the 2020 annual meeting, but not have the proposal included with our proxy solicitation materials relating to the 2020 annual meeting, the stockholder must comply with the procedures set forth in our governing documents. Our Bylaws require that, for business to be properly brought before an annual meeting by a stockholder, such stockholder must have given timely notice thereof, along with other specified material, in proper written form to the Company. To be timely, a stockholder’s notice pertaining to an annual meeting shall be delivered to the Corporate Secretary at the principal executive offices of the Company not less than ninety (90) or more than one-hundred and twenty (120) days prior to the first anniversary of the date of the preceding year’s annual meeting; provided, however, that in the event that the date of the annual meeting is more than thirty (30) days before or more than thirty (30) days after the previous year’s annual meeting, notice by the stockholder to be timely must be so delivered not earlier than the close of business on the one-hundred and twentieth (120th) day prior to such annual meeting and not later than the close of business on the later of the ninetieth (90th) day prior to such annual meeting or the close of business on the tenth (10th) day following the day on which public announcement of the date of such meeting is first made by the Corporation.

Any stockholder who wishes to make such a proposal should obtain a copy of the Bylaws, which contain these and other requirements with respect to stockholder proposals and director nominations, including certain information that must be included concerning the stockholder and each proposal and nominee. Our Bylaws were filed with the SEC as an exhibit to our Current Report on Form 8-K, filed on February 20, 2014. You may also obtain a copy by writing to our Corporate Secretary, at SINTX Technologies, Inc., 1885 W 2100 S, Salt Lake City, UT 84119.

**Q: Where can I find More Information on SINTX**

Our corporate website is <http://www.sintx.com>. We make available on this website, free of charge, access to our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, Proxy Statement on Schedule 14A and amendments to those materials filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 as soon as reasonably practicable after we electronically submit such material to the SEC. The SEC makes available on its website, free of charge, reports, proxy and information statements, and other information regarding issuers, such as us, that file electronically with the SEC. The SEC’s website is <http://www.sec.gov>.

**DIRECTORS AND OFFICERS**

Directors

The following table sets forth the names, ages, and positions with SINTX for each of our directors.

<u>Name</u>	<u>Age</u>	<u>Positions</u>
B. Sonny Bal, M.D.	56	Chairman of the Board of Directors, President and Chief Executive Officer
David W. Truetzel	62	Director
Jeffrey S. White	65	Director
Eric A. Stookey	48	Director

Our Board is divided into three classes (Class I, Class II and Class III) with staggered three-year terms. Directors in each class are elected to serve for three-year staggered terms that expire in successive years. Officers serve at the discretion of our Board. The following is information on the business experience of each director now serving and a discussion of the qualifications, attributes and skills that led to the Board of Directors’ conclusion that each one is qualified to serve as a director.

The following is a brief summary of the background of each of our directors.

*Class II Directors - up for election at this Annual Meeting with a term expiring at the 2022 annual meeting of stockholders.*

*David W. Truetzel* has served on our Board of Directors since our acquisition of US Spine, Inc. in September 2010. Mr. Truetzel has been the general partner of Augury Capital Partners, a private equity fund that invests in life sciences and information technology companies, which he co-founded in 2006. Mr. Truetzel is a director of Enterprise Bank, Inc., Verifi, Inc., a provider of electronic payment solutions, and Paranet, LLC, an IT services provider. Mr. Truetzel holds a B.S. in Business Administration from Saint Louis University and an M.B.A. from The Wharton School. We believe that Mr. Truetzel’s financial and managerial expertise qualify him to serve on our Board of Directors.

*Eric A. Stookey* has served on our Board of Directors since October 2014. Mr. Stookey has served as Chief Operating Officer of Osteoremedies, LLC since March of 2015. From October 2011 until August 2014, Mr. Stookey served as the President of the Extremities-Biologics division at Wright Medical Group Inc. Mr. Stookey also served in various other marketing and sales positions at Wright Medical Group Inc. since 1995, including as the Senior Vice President and Chief Commercial Officer from January 2010 to November 2011, as the Vice President North American Sales from 2007 to January 2010, as the Vice President US Sales from 2005 to 2007, as the Senior Director of Sales, Central Region, from 2003 to 2005 and as the Director of Marketing for Large Joint Reconstruction Products from 2001 to 2003. Mr. Stookey earned his M.B.A. from Christian Brothers University and his B.S. in Business from the Indiana University School of Business. We believe that Mr. Stookey’s industry and executive leadership experience qualifies him to serve on our Board of Directors.

*Class I Directors - continuing directors with a term expiring at the 2021 annual meeting of stockholders.*

None.

*Class III Directors— continuing directors with a term expiring at the 2020 annual meeting of stockholders.*

*B. Sonny Bal, M.D.* has served on our Board of Directors since February 2012, as Chairman of our Board of Directors since August 2014 and as our President and Chief Executive Officer since October 2014. Dr. Bal was a tenured Professor in Orthopaedic Surgery at the University of Missouri, Columbia, and has an extensive history of research into silicon nitride ceramics. He is Adjunct Professor of Material Sciences at Missouri Science and Technology University at Rolla. Dr. Bal is a member of the American Academy of Orthopaedic Surgeons, the American Association of Hip and Knee Surgeons, and the International Society of Technology in Arthroplasty. Dr. Bal received his M.D. degree from Cornell University and an M.B.A. from Northwestern University, a J.D. from the University of Missouri, and a Ph.D. in Engineering from the Kyoto Institute of Technology in Japan. We believe that Dr. Bal’s breadth of experience and scientific expertise in silicon nitride qualifies him to serve as our Chairman, President and Chief Executive Officer.

*Jeffrey S. White* has served on our Board of Directors since January 2014. From January 2013 to 2018, Mr. White served as Principal at Medtech Advisory Group LLC, a firm he founded that advises early and mid-stage medical technology firms. In that capacity Mr. White has consulted MiMedx Group Inc., the leading amniotic tissue and allograft regenerative biomaterials firm since mid-2015 and served as Vice President, Product Management Strategies at MiMedix. Mr. White previously served as a director of Residency Select LLC, a company which offers psychometric assessment, training and compliance products to medical and surgical residency programs. Mr. White also served in 2014 and 2015 as President and director of Liventa Bioscience LLC, a provider of specialty amniotic tissue allografts for use in surgical and wound care applications. From May 2006 to December 2012 he served as Global Director of Business Development for Synthes Inc., a global orthopedic firm that was acquired by Johnson and Johnson in 2012. Mr. White has served as Chief Executive Officer and/or co-founder of several start-up surgical device firms and has previously held executive level positions at United States Surgical Corporation, now part of Medtronic. Mr. White holds a B.S. in Biology from Union College in Schenectady NY. We believe that Mr. White’s experience as an executive and founder of medical device companies qualifies him to serve on our Board of Directors.

**Executive Officers**

Our current executive officers and their respective ages and positions are as follows:

<b>Name</b>	<b>Age</b>	<b>Position</b>
B. Sonny Bal, M.D.	56	Chairman of the Board of Directors, President and Chief Executive Officer, Principal Financial Officer
Bryan J. McEntire	66	Chief Scientific Officer

The following is a brief summary of the background of each of our executive officers.

*B. Sonny Bal, M.D.* has served on our Board of Directors since February 2012, as Chairman of our Board of Directors since August 2014 and as our President and Chief Executive Officer since October 2014. Dr. Bal was a tenured Professor in Orthopaedic Surgery at the University of Missouri, Columbia, and has an extensive history of research into silicon nitride ceramics. He is Adjunct Professor of Material Sciences at Missouri Science and Technology University at Rolla. Dr. Bal is a member of the American Academy of Orthopaedic Surgeons, the American Association of Hip and Knee Surgeons, and the International Society of Technology in Arthroplasty. Dr. Bal received his M.D. degree from Cornell University and an M.B.A. from Northwestern University, a J.D. from the University of Missouri, and a Ph.D. in Engineering from the Kyoto Institute of Technology in Japan. We believe that Dr. Bal’s breadth of experience and scientific expertise in silicon nitride qualifies him to serve as our Chairman, President and Chief Executive Officer.

*Bryan J. McEntire* has served as our Chief Scientific Officer since May 2012. From June 2004 to May 2012 he served as our Vice President of Manufacturing and as our Vice President of Research from December 2006 to May 2012. Dr. McEntire has worked in various advanced ceramic product development, quality engineering and manufacturing roles at Applied Materials, Inc., (Santa Clara, CA), Norton Advanced Ceramics, a division of Saint-Gobain Industrial Ceramics Corporation (E. Granby, CT), Norton/TRW Ceramics (Northboro, MA) and Ceramtec, Inc., (Salt Lake City, UT). Dr. McEntire has a BS degree in Materials Science and Engineering and an MBA both from the University of Utah (Salt Lake City, UT), and a Ph.D. from the Kyoto Institute of Technology (Kyoto, Japan).

#### **Arrangements between Officers and Directors**

To our knowledge, there is no arrangement or understanding between any of our officers and any other person, including directors, pursuant to which the officer was selected to serve as an officer.

#### **Family Relationships**

None of our directors are related by blood, marriage, or adoption to any other director, executive officer, or other key employees.

#### **Other Directorships**

None of the directors of the Company are also directors of issuers with a class of securities registered under Section 12 of the Exchange Act (or which otherwise are required to file periodic reports under the Exchange Act).

#### **Other Involvement in Certain Legal Proceedings**

None of our directors or executive officers has been involved in any bankruptcy or criminal proceedings (other than traffic and other minor offenses) or been subject to any of the items set forth under Item 401(f) of Regulation S-K, nor have there been any judgments or injunctions brought against any of our directors or executive officers during the last ten years that we consider material to the evaluation of the ability and integrity of any director or executive officer.

#### **The Board and Committees**

Our Board of Directors has four members. The Chairman of the Board and our Chief Executive Officer, B. Sonny Bal, MD, PhD, is a member of the Board and is a full-time employee of SINTX. The other three members of the Board, David W. Truetzel, Eric A. Stookey and Jeffrey S. White, are non-employee directors, and the Board has determined that these persons (who constitute a majority of the Board) are "independent directors" under the criteria set forth in Rule 5605(a)(2) of the Nasdaq Listing Rules. The Board met eleven (11) times during the year ended December 31, 2018. All directors attended over 90% of the meetings of the Board and committee meetings of which such director was a member held during 2018. . Although we encourage Board members to attend our annual meetings of stockholders, we do not have a formal policy regarding director attendance at annual stockholder meetings. One of our directors attended the 2018 meeting.

In accordance with our restated Certificate of Incorporation, our Board of Directors is divided into three classes with staggered three-year terms. At each annual meeting of stockholders, the successors to the directors whose terms then expire will be elected to serve until the third annual meeting following such election. Our directors are divided among the three classes as follows:

- The Class I directors terms will expire at the annual meeting of stockholders to be held in 2021. There are currently no Class I directors.
- The Class II directors are David W. Truetzel and Eric A. Stookey, and their terms are expiring at the 2019 annual meeting of stockholders.
- The Class III directors are B. Sonny Bal, M.D. and Jeffrey S. White, and their terms will expire at the annual meeting of stockholders to be held in 2020

Any additional directorships resulting from an increase in the number of directors will be distributed among the three classes so that, as nearly as possible, each class will consist of one-third of the directors.

Our Board of Directors has three permanent committees: the Audit Committee, the Compensation Committee, and the Corporate Governance and Nominating Committee. The written charters for these committees are on our website at <https://ir.sintx.com/corporate-governance>. Our Board of Directors may from time to time establish other standing committees. In addition, from time to time, special committees may be established under the direction of our Board of Directors when necessary to address specific issues.

The following table sets forth a description of the three permanent Board committees and the chairpersons and members of those committees, all of whom are independent directors:

<u>Committee</u>	<u>Independent Chairman</u>	<u>Independent Members</u>	
Audit Committee	David W. Truetzel	Eric A. Stookey	Jeffrey S. White
Compensation Committee	Jeffrey S. White	David W. Truetzel	Eric A. Stookey
Governance and Nominating Committee	Eric A. Stookey	Jeffrey S. White	David W. Truetzel

### **Corporate Governance and Nominating Committee**

The Corporate Governance and Nominating Committee is currently comprised of the following members: Eric A. Stookey (Chairman), David W. Truetzel and Jeffrey S White. Among other items, the Corporate Governance and Nominating Committee is tasked by the Board to: (1) identify individuals qualified to serve as members of the Board and, recommend individuals to be nominated by the Board for election by the stockholders or to be appointed by the Board to fill vacancies consistent with the criteria approved by the Board; (2) develop and periodically evaluate and recommend changes to SINTX's Corporate Governance Guidelines and Code of Ethics, and to review the Company's policies and programs that relate to matters of corporate responsibility, including public issues of significance to the Company and its stakeholders; and (3) oversee an annual evaluation of the performance of the Board. The Board has determined that each of the members of the Corporate Governance and Nominating Committee is "independent" under the standard set forth in Rule 5605(a)(2) of the Nasdaq Listing Rules. The Corporate Governance and Nominating Committee met two times in 2018. The Corporate Governance and Nominating Committee operates under a written charter adopted by the Board of Directors, which sets forth the responsibilities and powers delegated by the Board to the Corporate Governance and Nominating Committee.

### **Board Nominations**

In considering Board candidates, the Board seeks individuals of proven judgment and competence who have strong reputations in their respective fields. Although we do not have a formal diversity policy, the Board considers such factors as experience, education, employment history, special talents or personal attributes, anticipated participation in Board activities, and geographic and diversity factors. The process for identifying and evaluating nominees would include detailed consideration of the recommendations and opinions of members of our Board, our executive officers, and our stockholders. There would be no difference in the process of evaluation of candidates recommended by a stockholder and those recommended by other sources.

The Nominating and Governance Committee has adopted a policy and procedures for shareholders to recommend nominees to the Company's Board. The Committee will only consider qualified proposed nominees that meet the qualification standards set forth on Appendix A to the Committee's charter available on the Company's website at [www.SINTX.com](http://www.SINTX.com). Pursuant to the policy, only shareholders who meet minimum percentage ownership requirements as established by the Board may make recommendations for consideration by the Committee. At this time, the Board has set a minimum percentage ownership of 5% of the Company's issued and outstanding shares of common stock for a period of at least one year. To make recommendations, a shareholder must submit the recommendation in writing by mail, courier or personal delivery to: Corporate Secretary, SINTX Technologies, Inc., 1885 West 2100 South, Salt Lake City, UT 84119. For each annual meeting the Committee will consider only one proposed nominee from each shareholder or shareholder group (within the meaning of Regulation 13D under the Exchange Act).

The recommendation must set forth (1) the name, address, including telephone number, of the recommending shareholder or shareholder group; (2) the number of the Company's shares of common stock held by such shareholder and proof of ownership if the shareholder is not a holder of record; and (3) a statement that the shareholder has a good faith intention of holding the shares through the record date of the Company's next annual meeting. For shareholder groups this information must be submitted for each shareholder in the group.

The recommendation must set forth in relation to the proposed nominee being recommended by the shareholder: (1) the information required by Items 401, 403 and 404 of Regulation S-K under the Exchange Act, (2) any material relationships or agreements between the proposed nominee and the recommending shareholder or the Company's competitors, customers, labor unions or other persons with special interests in the Company; (3) a statement regarding the qualifications of the proposed nominee to serve on the Board; (4) a statement that the proposed nominee can fairly represent the interests of all shareholders of the Company; and (5) a signed consent by the proposed nominee to being interviewed by the Nominating and Governance Committee.

Recommendations must be made not later than 120 calendar days prior to the first anniversary of the date of the proxy statement for the prior annual meeting of shareholders. In the event that the date of the annual meeting of shareholders for the current year is more than 30 days following the first anniversary date of the annual meeting of shareholders for the prior year, the submission of a recommendation will be considered timely if it is submitted not earlier than the close of business on the 120 days prior to such annual meeting and not later than the close of business on the later of 90 days prior to such annual meeting or the close of business 10 days following the day on which public announcement of the date of such meeting is first made by the Company.

#### **Audit Committee**

We have a standing Audit Committee and audit committee charter, which complies with Rule 10A-3 of the Exchange Act, and the requirements of the Nasdaq Listing Rules. Our Audit Committee was established in accordance with Section 3(a)(58)(A) of the Exchange Act. The Audit Committee is currently comprised of the following members: David W. Truetzel (Chairman), Eric A. Stookey and Jeffrey S. White. The Audit Committee provides oversight for financial reporting matters, internal controls, and compliance with the Company's financial policies, and meets with its auditors when appropriate. The Audit Committee met one time (1) time in 2018, and all director members of the committee attended 100% of the meetings. The Board has determined that David W. Truetzel is an "audit committee financial expert" within the meaning of Item 407(d)(5) of Regulation S-K. Further, the Board has determined that each of David W. Truetzel, Jeffrey S. White and Eric A. Stookey are "independent" under the standard set forth in Rule 5605(a)(2) of the Nasdaq Listing Rules. The Audit Committee operates under a written charter adopted by the Board of Directors, which sets forth the responsibilities and powers delegated by the Board to the Audit Committee.

#### **Compensation Committee**

The Compensation Committee of the Board is comprised of the following members: Jeffrey S. White, (Chairman), David W. Truetzel and Eric A. Stookey. The Board has determined that each of David W. Truetzel, Jeffrey S. White and Eric A. Stookey are "independent" under the standard set forth in Rule 5605(a)(2) of the Nasdaq Listing Rules. The Compensation Committee recommends to the Board for determination compensation of our executive officers, including the chief executive officer, and addresses salary and benefit matters for other key personnel and employees of the Company. The Compensation Committee did not meet in 2018. The Compensation Committee operates under a written charter adopted by the Board of Directors, which sets forth the responsibilities and powers delegated by the Board to the Compensation Committee.

#### **Code of Business Conduct**

The Board has adopted a Code of Business Conduct that applies to all of our employees, officers and directors, including those officers responsible for financial reporting. The code of business conduct is available on our website at <https://ir.sintx.com/corporate-governance>. We intend to disclose any amendments to the code or any waivers of its requirements on our website.

The Bylaws of the Company provide that no contract or transaction between SINTX and one or more of its directors or officers, or between SINTX and any other corporation, firm, association, or other organization in which one or more of its directors or officers are financially interested, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee that authorizes or approves the contract or transaction, or because their votes are counted for such purpose, provided that:

- the material facts as to his, her, or their relationship or interest as to the contract or transaction are disclosed or are known to the Board of Directors or the committee and noted in the minutes, and the Board of Directors or committee authorizes the contract or transaction in good faith by the affirmative vote of a majority of disinterested directors, even though the disinterested directors are less than a quorum;
- the material facts as to his, her, or their relationship or interest as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon and the contract or transaction is specifically approved in good faith by vote of the stockholders; or
- the contract or transaction is fair as to SINTX as of the time it is authorized, approved or ratified by the Board of Directors, a committee thereof, or the stockholders.

## Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Securities Exchange Act of 1934, as amended, requires our officers, directors, and persons who beneficially own more than 10% of our common stock (“10% Stockholders”), to file reports of ownership and changes in ownership with the Securities and Exchange Commission (“SEC”). Such officers, directors and 10% Stockholders are also required by SEC rules to furnish us with copies of all Section 16(a) forms that they file.

Based solely on our review of the copies of such forms received by us, or written representations from certain reporting persons, the Company believes that during fiscal year ended December 31, 2018, the filing requirements applicable to its officers, directors and greater than 10% percent beneficial owners were complied with.

### STOCK OWNERSHIP

The following table sets forth certain information regarding the beneficial ownership of our common stock as of March 3, 2019 by:

- each of our current directors;
- each of our executive officers; and
- all of our directors and executive officers as a group;
- each stockholder known by us to own beneficially more than 5% of our Common Stock.

Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to the securities. Shares of common stock that may be acquired by an individual or group within 60 days of March 3, 2019, pursuant to the exercise or vesting of options or warrants or conversion of convertible promissory notes, are deemed to be outstanding for the purpose of computing the percentage ownership of such individual or group, but are not deemed to be outstanding for the purpose of computing the percentage ownership of any other person shown in the table. Percentage of shares beneficially owned is based on 21,793,641 shares issued and outstanding on March 3, 2019.

Except as indicated in footnotes to this table, we believe that the stockholders named in this table have sole voting and investment power with respect to all shares of common stock shown to be beneficially owned by them, based on information provided to us by such stockholders. The address for each director and executive officer listed is: c/o SINTX Technologies, Inc., 1885 West 2100 South, Salt Lake City, Utah 84119.

Name and Address of Beneficial Owner	Shares Beneficially Owned	
	Number	Percentage
<b>Five Percent Stockholders:</b>		
CVI Investments, Inc.(1)	2,175,869	9.9%
<b>Directors and Named Executive Officers:</b>		
B. Sonny Bal, M.D. (2)	56,830	*
David W. Truetzel (3)	3,561	*
Jeffrey S. White (4)	443	*
Eric A. Stookey (5)	389	*
Bryan McEntire (6)	1,597	*
All executive officers and directors as a group (5 persons)	62,853	*

\* Indicates ownership of less than 1% of the outstanding shares of the Company’s common stock.

(1) CVI Investments Inc. and Heights Capital Management filed a Schedule 13G/A on February 14, 2019 reporting that they had dispositive power with respect to an aggregate of 2,175,869 shares. The number of Shares reported as beneficially owned consists of common shares issuable upon conversion of Series B Preferred Stock, par value \$0.01 per share (the “Preferred Stock”). The Preferred Stock is not convertible to the extent that the total number of Shares then beneficially owned by a Reporting Person and its affiliates and any other persons whose beneficial ownership of Shares would be aggregated with such Reporting Person for purposes of Section 13(d) of the Exchange Act, would exceed 9.99%. Heights Capital Management, Inc., which serves as the investment manager to CVI Investments, Inc., may be deemed to be the beneficial owner of all Shares owned by CVI Investments, Inc. Each of the Reporting Persons hereby disclaims any beneficial ownership of any such Shares, except for their pecuniary interest therein. CVI Investments Inc.’s address is P.O. Box 309GT, Ugland House, South Church Street, George Town, Grand Cayman KY1-1104 Cayman Islands and Heights Capital Management’s address is 101 California Street, Suite 3250, San Francisco, California 94111.

(2) Represents 332 shares of Common Stock and options and warrants to purchase 56,498 shares of Common Stock that are currently exercisable within 60 days of March 1, 2019.

- (3) Represents 2,102 shares of Common Stock and options and warrants to purchase 1,459 shares of Common Stock that are currently exercisable within 60 days of March 1, 2019.
- (4) Represents 54 shares of Common Stock and options to purchase 389 shares of Common Stock that are currently exercisable within 60 days of March 1, 2019.
- (5) Represents options to purchase 389 shares of Common Stock that are currently exercisable within 60 days of March 1, 2019.
- (6) Represents 375 shares of Common Stock and options to purchase 1,222 shares of Common Stock that are currently exercisable within 60 days of March 1, 2019.

## EXECUTIVE AND BOARD COMPENSATION

The following discussion relates to the compensation of our “named executive officers.”

### Summary Compensation Table

The following table sets forth information about certain compensation awarded or paid to our named executive officers for the 2017 and 2018 fiscal years.

Name and Principal Position	Year	Salary	Bonus (1)	Non-Equity Incentive Plan Compensation	Stock Awards (2)	Option Awards (2)	All Other Comp (3)	Total Compensation
B. Sonny Bal	2018	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 11,693	\$ 474,693
Chief Executive Officer	2017	400,000	63,000	-	-	-	18,940	418,940
Bryan McEntire	2018	234,959	-	-	-	-	9,398	275,653
Chief Scientific Officer	2017	231,822	31,296	-	-	-	9,239	241,061

- (1) Unless otherwise noted, 2017 bonus amount reflects a bonus paid in 2018 for meeting certain corporate objectives for 2017.
- (2) These columns represent the aggregate grant date fair value of stock option awards granted during the year indicated, in accordance with ASC Topic 718 and do not correspond to the actual value that may be realized by the named executives. For additional information on the assumptions underlying the valuation of the Company’s stock-based awards, please refer to Note 9 of the Company’s consolidated financial statements included in this Annual Report on Form 10-K for the fiscal year ended 2018.
- (3) Amount reflects matching of 401(k) contributions paid by us, unless otherwise noted.

*Narrative Disclosure to Summary Compensation Table.* We do not have written employment agreements with any of our executive officers. All of our executive officers serve on an at-will basis. The base salaries for our named executive officers were determined by our compensation committee after reviewing a number of factors, including: the responsibilities associated with the position, the seniority of the executive’s position, the base salary level in prior years, and our financial position; and for executive officers other than our Chief Executive Officer, recommendations made by our Chief Executive Officer.

## Outstanding Equity Awards at Fiscal Year-End

The following table shows information regarding equity awards held by our named executive officers as of December 31, 2018:

Name	Number of Securities Underlying Unexercised Options (#)		Option Exercise Price	Option Expiration Date
	Exercisable	Unexercisable		
Sonny Bal	9	-	\$ 4,638.60	3/15/2022
	486	-	174.04	1/7/2025
	278	-	77.38	9/16/2025
	717	116	12.24	9/14/2026
Bryan McEntire	556	-	170.99	8/13/2024
	389	-	174.04	1/7/2025
	278	-	20.26	1/4/2026

### 401(k) Plan

We offer our executive officers, including our named executive officers, retirement benefits, including participation in our tax-qualified profit sharing plan that includes a “cash-or-deferred” (or 401(k)) feature in the same manner as other employees. The plan is intended to satisfy the requirements of Section 401 of the Internal Revenue Code. Our employees may elect to reduce their current compensation by up to the statutorily prescribed annual limit and have a like amount contributed to the plan. In addition, we may make discretionary and/or matching contributions to the plan in amounts determined annually by our Board. We currently elect to match the contributions of our employees who participate in our 401(k) plan as follows: a match of 100% on the first 3% of compensation contributed by a plan participant and a match of 50% on amounts above 3%, up to 5%, of compensation contributed by a plan participant.

### Potential Payments upon Termination or Change in Control

We had entered into certain agreements and maintained certain plans that may have required us to make certain payments and/or provide certain benefits to the executive officers named in the Summary Compensation Table in the event of a termination of employment or change in control.

Pursuant to severance agreements that we have entered into with each of our named executive officers, upon the consummation of a change in control, all outstanding options, restricted stock and other such rights held by the executives will fully vest. Additionally, if a change in control occurs and at any time during the one-year period following the change in control (i) we or our successor terminate the executive’s employment other than for cause (but not including termination due to the executive’s death or disability) or (ii) the executive terminates his employment for good reason, then such executive has the right to receive payment consisting of a lump sum payment equal to two times his highest annual salary with us during the preceding three-year period, including the year of such termination and including bonus payments (measured on a fiscal year basis), but not including any reimbursements and amounts attributable to stock options and other non-cash compensation. “Change in control” is defined in the severance agreements as occurring upon: (i) any “person” (as such term is used in Sections 13(d) and 14(d) of the Exchange Act) becoming the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, of securities representing 50% or more of the total voting power represented by our then outstanding voting securities (excluding securities held by us or our affiliates or any of our employee benefit plans) pursuant to a transaction or a series of related transactions which our Board did not approve; (ii) a merger or consolidation of our company, other than a merger or consolidation which would result in our voting securities outstanding immediately prior thereto continuing to represent at least 50% of the total voting securities or such surviving entity or parent of such corporation outstanding immediately after such merger or consolidation; or (iii) the approval by our stockholders of an agreement for the sale or disposition of all or substantially all of our assets. As defined in the severance agreements, “cause” means: (i) the executive’s commission of a felony (other than through vicarious liability or through a motor vehicle offense); (ii) the executive’s material disloyalty or dishonesty to us; (iii) the commission by the executive of an act of fraud, embezzlement or misappropriation of funds; (iv) a material breach by the executive of any material provision of any agreement to which the executive and we are party, which breach is not cured within 30 days after our delivery to the executive of written notice of such breach; or (v) the executive’s refusal to carry out a lawful written directive from our Board. “Good reason” as defined in the severance agreements means, without the executive’s consent: (i) a change in the principal location at which the executive performs his duties to a new work location that is at least 50 miles from the prior location; or (ii) a material change in the executive’s compensation, authority, functions, duties or responsibilities, which would cause his position with us to become of less responsibility, importance or scope than his prior position, provided, however, that such material change is not in connection with the termination of the executive’s employment with us for any reason.



In the event that an officer entitled to receive or receives payment or benefit under the severance agreements described above, or under any other plan, agreement or arrangement with us, or any person whose action results in a change in control or any other person affiliated with us and it is determined that the total amount of payments will be subject to excise tax under Section 4999 of the Internal Revenue Code, or any similar successor provisions, we will be obligated to pay such officer a “gross up” payment to cover all taxes, including any excise tax and any interest or penalties imposed with respect to such taxes due to such payment.

### **Code of Business Conduct Violations**

It is our policy under our Code of Business Conduct to take appropriate action against any executive officer whose actions are found to violate the Code or any other policy of SINTX. Disciplinary actions may include immediate termination of employment and, where SINTX has suffered a loss, pursuing its remedies against the executive officer responsible. SINTX will cooperate fully with the appropriate authorities where laws have been violated.

### **Role of the Board in Risk Oversight**

Risk is inherent with every business, and how well a business manages risk can ultimately determine its success. Management is responsible for the day-to-day management of the risks that we face, while our Board of Directors, as a whole and through its committees, has responsibility for the oversight of risk management. In its risk oversight role, our Board of Directors is responsible for satisfying itself that the risk management processes designed and implemented by management are adequate and functioning as designed.

Our Board of Directors does not have a standing risk management committee, but rather administers this oversight function directly through our Board of Directors as a whole, as well as through various standing committees of the Board of Directors that address risks inherent in their respective areas of oversight. In particular, our Board of Directors is responsible for monitoring and assessing strategic risk exposure, including a determination of the nature and level of risk appropriate for us. Our Audit Committee has the responsibility to consider and discuss our major financial risk exposures and the steps our management has taken to monitor and control these exposures, including guidelines and policies to govern the process by which risk assessment and management is undertaken. The Audit Committee also monitors oversight of the performance of our internal audit function. Our Corporate Governance and Nominating Committee monitors the effectiveness of our corporate governance guidelines, including whether they are successful in preventing illegal or improper liability-creating conduct. Our Compensation Committee assesses and monitors whether any of our compensation policies and programs have the potential to encourage excessive risk-taking or promote behaviors contra to our Code of Business Conduct.

### **Audit Committee Report**

The Audit Committee has reviewed and discussed the Company’s audited consolidated financial statements as of and for the year ended December 31, 2018 and internal controls over financial reporting with our management and our independent registered public accounting firm. Further, the Audit Committee has discussed with our independent registered public accounting firm the matters required to be discussed under auditing standards generally accepted in the United States, including those matters set forth in Auditing Standard No. 1301, Communications with Audit Committees, as adopted by the Public Company Accounting Oversight Board (the “PCAOB”), other standards of the PCAOB, rules of the SEC, and other applicable regulations, relating to the firm’s judgment about the quality, not just the acceptability, of the Company’s accounting principles, the reasonableness of significant judgments and estimates, and the clarity of disclosures in the consolidated financial statements.

The Audit Committee also has received the written disclosures and the letter from our independent registered public accounting firm required by PCAOB Ethics and Independence Rule 3526, Communication with Audit Committees Concerning Independence, which relate to our independent registered public accounting firm’s independence from our Company, and has discussed with our independent registered public accounting firm its independence from our Company. The Audit Committee has also considered whether the independent registered public accounting firm’s provision of non-audit services to us is compatible with maintaining the firm’s independence. The Audit Committee has concluded that the independent registered public accounting firm is independent from our Company and our management. The Audit Committee has also discussed with our management and our independent registered public accounting firm such other matters and received such assurances from them as it has deemed appropriate.

The Audit Committee also reviewed management’s report on its assessment of the effectiveness of our internal control over financial reporting. In addition, the Audit Committee reviewed key initiatives and programs aimed at strengthening the effectiveness of our internal and disclosure control structure. As part of this process, the Audit Committee continues to monitor the scope and adequacy of our internal auditing program.

Based on the reviews, reports and discussions referred to above, the Audit Committee recommended to the Board of Directors, and the Board of Directors approved, that our audited consolidated financial statements for the year ended December 31, 2018 and management's assessment of the effectiveness of our internal control over financial reporting be included in our Annual Report on Form 10-K for the year ended December 31, 2018, for filing with the SEC. The Audit Committee has selected, and the Board of Directors has approved, subject to stockholder ratification, the selection of Tanner LLC as our independent registered public accounting firm for the year ending December 31, 2019.

Respectfully submitted,

David W. Truetzel, Chairman  
Eric A. Stookey  
Jeffrey S. White

## Board Compensation

The following table shows the total compensation paid or accrued during the fiscal year ended December 31, 2018 to each of our non-employee directors.

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (1) (\$)	Option Awards(1) (\$)	Total (\$)
David W. Truetzel	\$ 123,500	\$ -	\$ -	\$ 123,500
Jeffrey S. White	43,000	-	-	43,000
Eric A. Stookey	44,000	-	-	44,000

- (1) These columns represent the aggregate grant date fair value of restricted stock awards and stock option awards granted during the year indicated, in accordance with ASC Topic 718 and do not correspond to the actual value that may be realized by the directors. For additional information on the assumptions underlying the valuation of the Company's stock-based awards, please refer to Note 9 of the Company's consolidated financial statements included in this Annual Report on Form 10-K for the fiscal year ended December 31, 2018.
- (2) As of December 31, 2018, each of our non-employee directors had the following number of options outstanding to purchase shares of our common stock: David W. Truetzel – 1,452; Jeffrey S. White – 389; and, Eric A. Stookey – 389.

During 2016, our Board approved the following compensation schedule for non-employee directors (paid on a quarterly basis):

- Annual Retainer of \$40,000 paid in four equal installments of \$10,000 each at the beginning of each calendar quarter;
- \$1,000 for each board and committee meeting attended in person;
- \$500 for each board and committee meeting attended via telephone or other remote medium; and
- Reimbursement of reasonable expenses as supported by documentation and receipts.

A new Board appointee receives an award of 40,000 stock options upon appointment. Further, historically, each member of the Board is awarded an option grant for 15,000 stock options on an annual basis. No awards were made for 2018.

The chair of the Audit Committee is paid an annual retainer of \$120,000 payable in monthly increments of \$10,000 each.

## Equity Compensation Plan Information

The following table sets forth information as of December 31, 2018 relating to all of our equity compensation plans:

Plan Category	(a) Number of Securities to be Issued upon Exercise of Outstanding Options	(b) Weighted-average Exercise Price of Outstanding Options	(c) Number of Securities Remaining Available for Future Issuance under Equity Compensation Plans (Excluding Securities Referenced in Column (a))
Equity compensation plans approved by stockholders	11,301 <sup>(1)</sup>	\$ 263.85 <sup>(2)</sup>	75,600
Equity compensation plans not approved by Stockholders	-	-	-
<b>Total</b>	<b>11,301<sup>(1)</sup></b>	<b>\$ 263.58<sup>(2)</sup></b>	<b>75,600</b>

(1) Includes options outstanding under our 2012 Equity Incentive Plan

(2) Represents weighted-average exercise price per share of common stock acquirable upon exercise of outstanding stock options.

(3) See description below under the 2012 Equity Incentive Plan describing the plan's evergreen formula.

### 2012 Equity Incentive Plan

The 2012 Plan is intended to encourage ownership of common stock by our employees and directors and certain of our consultants in order to attract and retain such people, to induce them to work for the benefit of us and to provide additional incentive for them to promote our success. The number of shares of our common stock reserved for issuance under the 2012 Plan is 95,202, which number is automatically increased on January 1 of each of year by the lesser of (i) 18,031 shares of our common stock on such date, (ii) 5% of the number of outstanding shares of our common stock on such date, and (iii) such other amount determined by the board through the termination of the 2012 Plan.

*Types of Awards.* The 2012 Plan provides for the granting of incentive stock options, NQSOs, stock grants and other stock-based awards, including RSUs.

- *Incentive and Nonqualified Stock Options.* The plan administrator determines the exercise price of each stock option. The exercise price of an NQSO may not be less than the fair market value of our common stock on the date of grant. The exercise price of an incentive stock option may not be less than the fair market value of our common stock on the date of grant if the recipient holds 10% or less of the combined voting power of our securities, or 110% of the fair market value of a share of our common stock on the date of grant otherwise.

- *Stock Grants.* The plan administrator may grant or sell stock, including restricted stock, to any participant, which purchase price, if any, may not be less than the par value of shares of our common stock. The stock grant will be subject to the conditions and restrictions determined by the administrator. The recipient of a stock grant shall have the rights of a stockholder with respect to the shares of stock issued to the holder under the 2012 Plan.

- *Stock-Based Awards.* The administrator of the 2012 Plan may grant other stock-based awards, including stock appreciation rights, phantom stock awards and RSUs, with terms approved by the administrator, including restrictions related to the awards. The holder of a stock-based award shall not have the rights of a stockholder until shares of our common stock are issued pursuant to such award.

*Plan Administration.* Our Board is the administrator of the 2012 Plan, except to the extent it delegates its authority to a committee, in which case the committee shall be the administrator. Our Board has delegated this authority to our compensation committee. The administrator has the authority to determine the terms of awards, including exercise and purchase price, the number of shares subject to awards, the value of our common stock, the vesting schedule applicable to awards, the form of consideration, if any, payable upon exercise or settlement of an award and the terms of award agreements for use under the 2012 Plan.

*Eligibility.* Our Board will determine the participants in the 2012 Plan from among our employees, directors and consultants. A grant may be approved in advance with the effectiveness of the grant contingent and effective upon such person's commencement of service within a specified period.

*Termination of Service.* Unless otherwise provided by our Board or in an award agreement, upon a termination of a participant's service, all unvested options then held by the participant will terminate and all other unvested awards will be forfeited.

*Transferability.* Awards under the 2012 Plan may not be transferred except by will or by the laws of descent and distribution, unless otherwise provided by our Board in its discretion and set forth in the applicable agreement, provided that no award may be transferred for value.

*Adjustment.* In the event of a stock dividend, stock split, recapitalization or reorganization or other change in change in capital structure, our Board will make appropriate adjustments to the number and kind of shares of stock or securities subject to awards.

*Corporate Transaction.* If we are acquired, our Board of Directors (or Compensation Committee) will: (i) arrange for the surviving entity or acquiring entity (or the surviving or acquiring entity's parent company) to assume or continue the award or to substitute a similar award for the award; (ii) cancel or arrange for cancellation of the award, to the extent not vested or not exercised prior to the effective time of the transaction, in exchange for such cash consideration, if any, as our Board of Directors in its sole discretion, may consider appropriate; or (iii) make a payment, in such form as may be determined by our Board of Directors equal to the excess, if any, of (A) the value of the property the holder would have received upon the exercise of the award immediately prior to the effective time of the transaction, over (B) any exercise price payable by such holder in connection with such exercise. In addition, in connection with such transaction, our Board of Directors may accelerate the vesting, in whole or in part, of the award (and, if applicable, the time at which the award may be exercised) to a date prior to the effective time of such transaction and may arrange for the lapse, in whole or in part, of any reacquisition or repurchase rights held by us with respect to an award.

*Amendment and Termination.* The 2012 Plan will terminate on September 6, 2022 or at an earlier date by vote of the stockholders or our Board; provided, however, that any such earlier termination shall not affect any awards granted under the 2012 Plan prior to the date of such termination. The 2012 Plan may be amended by our Board, except that our Board may not alter the terms of the 2012 Plan if it would adversely affect a participant's rights under an outstanding stock right without the participant's consent. Stockholder approval will be required for any amendment to the 2012 Plan to the extent such approval is required by law, include the Internal Revenue Code or applicable stock exchange requirements.

*Amendment of Outstanding Awards.* The administrator may amend any term or condition of any outstanding award including, without limitation, to reduce or increase the exercise price or purchase price, accelerate the vesting schedule or extend the expiration date, provided that no such amendment shall impair the rights of a participant without such participant's consent.

## **PROPOSAL NO. 1**

### **ELECTION OF DIRECTORS**

We have a classified Board currently consisting of four members, all but one of whom are non-employee directors, divided into three classes (Class I, Class II and Class III). Directors in each class are elected to serve for three-year staggered terms that expire in successive years. Our Class II directors are up for election this year. Accordingly, we are holding an election for our Class II directors at the Annual Meeting, with each Class II director elected to serve a three-year term.

The Board has nominated David W. Truetzel and Eric A. Stookey for election as Class II directors, for three-year terms expiring at the annual meeting of stockholders to be held in 2022 or until their successors are elected and qualified, or their earlier death, resignation or removal. If the nominees decline to serve or become unavailable for any reason, or if any additional vacancy occurs before the election (although we know of no reason to anticipate that this will occur), the proxies may be voted for such substitute nominees as the Board may designate. Each nominee has consented to being named in the Proxy Statement and has agreed to serve if elected.

If a quorum is present, the two nominees for Class II director receiving the highest number of votes will be elected Class II directors. Abstentions and broker non-votes will be counted as shares present for the purpose of determining the presence of a quorum, but will have no effect on the results of the vote. Biographical information, including the principal occupation of and other directorships held by each director for at least the past five years as well as the specific experience, qualifications, attributes and skills that led to the conclusion that each director should serve as a member of the Board is provided elsewhere in this proxy statement in the preceding section entitled "DIRECTORS AND OFFICERS" with respect to Class II nominees, as well as the Class I and Class II directors whose terms of office will continue after the Annual Meeting.

***The Board of Directors recommends that you vote FOR the Director Nominees listed above.***

## PROPOSAL NO. 2:

### REVERSE STOCK SPLIT

#### General

Our Board of Directors has approved, and is hereby soliciting stockholder approval of, an amendment to our Restated Certificate of Incorporation in the form set forth in APPENDIX A to this Proxy Statement (the "Reverse Stock Split Amendment") to effect a reverse split of our issued and outstanding shares of Common Stock at a ratio of between 1-for-2 and 1-for-30 (the "Reverse Stock Split"), inclusive, which ratio will be selected at the sole discretion of our Board of Directors at any whole number in the above range, with any fractional shares that would otherwise be issuable as a result of the Reverse Stock Split being rounded up to the nearest whole share. We only intend to implement the Reverse Stock Split if needed to maintain our listing on The NASDAQ Capital Market. A vote "FOR" the Reverse Stock Split Proposal will constitute approval of the Reverse Stock Split Amendment providing for the combination of between two (2) and thirty (30) shares of Common Stock, inclusive, as determined in the sole discretion of our Board of Directors, into one (1) share of Common Stock. If our stockholders approve this Proposal, our Board of Directors will have the authority, but not the obligation, in its sole discretion and without further action on the part of our stockholders, to select the Reverse Stock Split ratio in the above range and implement the Reverse Stock Split by filing the Reverse Stock Split Amendment with the Secretary of State of the State of Delaware at any time after the approval of the Reverse Stock Split Amendment but prior to August 12, 2019. Except for any changes as a result of the treatment of fractional shares, each stockholder will hold the same percentage of Common Stock outstanding immediately following the Reverse Stock Split as such stockholder held immediately prior to the Reverse Stock Split.

In determining which Reverse Stock Split ratio to implement, if any, following receipt of stockholder approval, our Board of Directors may consider, among other things, various factors such as:

- the historical trading price and trading volume of our Common Stock;
- the then prevailing trading price and trading volume of our Common Stock and the expected impact of the Reverse Stock Split on the trading market for our Common Stock;
- our ability to continue our listing on The NASDAQ Capital Market;
- which Reverse Stock Split ratio would result in the least administrative cost to us; and
- prevailing general market and economic conditions.

The Reverse Stock Split will not change the number of authorized shares of Common Stock or preferred stock as designated by our Restated Certificate of Incorporation. Therefore, because the number of issued and outstanding shares of Common Stock will decrease, the number of shares of Common Stock remaining available for future issuance will increase which will enable us to raise additional capital in the future through the issuance and sale of equity securities from time to time as our Board of Directors may deem advisable.

If our stockholders approve the Reverse Stock Split, it is expected that the Reverse Stock Split will only be implemented if needed to maintain our listing on The NASDAQ Capital Market. However, the Board of Directors hopes not to implement the Reverse Stock Split and reserves the right to abandon the Reverse Stock Split at any time prior to filing the Reverse Stock Split Amendment if it determines, in its sole discretion, that the Reverse Stock Split is not needed to maintain our listing on The NASDAQ Capital Market and is no longer in the best interests of the Company and its stockholders. The Board of Directors also reserves the right to delay the Reverse Stock Split until August 12, 2019.

Our Board of Directors believes that a Reverse Stock Split at a ratio of between 1-for-2 and 1-for-30, inclusive, as currently proposed, would be effective to increase the per share trading price of our Common Stock above NASDAQ's minimum bid price requirement of \$1.00 per share to be listed on The NASDAQ Capital Market, if necessary, as further discussed below.

## Purpose of the Reverse Stock Split Amendment

Our Common Stock currently trades on The NASDAQ Capital Market under the symbol "SINT." The NASDAQ Marketplace Rules contain various continued listing criteria that companies must satisfy in order to remain listed on the exchange. One of these criteria is that a company's Common Stock has a bid price that is greater than or equal to \$1.00 per share.

On August 13, 2018, we received a letter from NASDAQ indicating that the bid price of our Common Stock for the last 30 consecutive trading days had closed below the minimum \$1.00 per share required for continued listing under NASDAQ Listing Rule 5550(a)(2). We were provided an initial period of 180 calendar days, or until February 11, 2019, during which to regain compliance. We did not regain compliance with NASDAQ Listing Rule 5550(a)(2) by February 11, 2019, and we requested, and were granted, an additional 180 days. We qualified for a timing extension by meeting NASDAQ's continued listing requirement for market value of publicly held shares and all other initial listing standards for The NASDAQ Capital Market, with the exception of the bid price requirement, and we provided NASDAQ with written notice of our intention to cure the deficiency. If we do not regain compliance during the additional period, NASDAQ will provide us with written notice that our securities are subject to delisting. At that time, we may appeal the determination to delist our securities to a Listing Qualifications Panel, which would require that we provide the Listing Qualifications Panel with a plan to regain compliance. We believe, however, that the only credible plan would be a reverse stock split to increase the per share trading price of our Common Stock above NASDAQ's minimum bid price requirement of \$1.00 per share.

Our Board of Directors has considered the potential harm to us and our stockholders should NASDAQ delist our Common Stock on The NASDAQ Capital Market. Delisting from NASDAQ would adversely affect our ability to raise additional financing through the public or private sale of equity securities and would significantly affect the ability of investors to trade our securities. Delisting would also negatively affect the value and liquidity of our Common Stock because alternatives, such as the OTC Bulletin Board and the pink sheets, are generally considered to be less efficient markets.

The purpose of the Reverse Stock Split is to increase the per share trading price of our Common Stock. We believe that stockholder approval of the proposed Reverse Stock Split would allow us to regain compliance with the minimum bid price requirement. If our stockholders approve the Reverse Stock Split, it is expected that the Reverse Stock Split will only be implemented if needed to maintain our listing on The NASDAQ Capital Market. However, the Board of Directors hopes not to implement the Reverse Stock Split and reserves the right to abandon the Reverse Stock Split if it determines, in its sole discretion, that the Reverse Stock Split is not needed to maintain our listing on The NASDAQ Capital Market and is no longer in the best interests of the Company and its stockholders.

**IF OUR STOCKHOLDERS DO NOT APPROVE THIS PROPOSAL, WE WOULD LIKELY BE DELISTED FROM THE NASDAQ CAPITAL MARKET DUE TO OUR FAILURE TO MAINTAIN A MINIMUM BID PRICE FOR OUR COMMON STOCK OF \$1.00 PER SHARE AS REQUIRED BY THE NASDAQ MARKETPLACE RULES.**

## Impact of the Reverse Stock Split Amendment if Implemented

If approved and implemented, the Reverse Stock Split will be realized simultaneously and in the same ratio for all of our issued and outstanding shares of Common Stock. Any fractional shares that would otherwise be issuable as a result of the Reverse Stock Split will be rounded up to the nearest whole share. The Reverse Stock Split will affect all holders of our Common Stock uniformly and will not affect any stockholder's percentage ownership interest in the Company (subject to the treatment of fractional shares). In addition, the Reverse Stock Split will not affect any stockholder's proportionate voting power (subject to the treatment of fractional shares).

Our authorized capital stock currently consists of 250,000,000 shares of Common Stock, par value \$0.01, and 130,000,000 shares of preferred stock, par value \$0.01. Although the Reverse Stock Split will not affect the rights of stockholders or any stockholder's proportionate ownership interest in the Company (except as a result of rounding in lieu of fractional shares), the number of authorized shares of our Common Stock and preferred stock will not be reduced. If the Reverse Stock Split is implemented, the number of authorized shares of Common Stock would remain at 250,000,000 shares, thereby effectively increasing the number of shares of Common Stock available for future issuance, which will enable us to raise additional capital in the future through the issuance and sale of equity securities from time to time as our Board of Directors may deem advisable. In addition, the total number of authorized shares of preferred stock would remain at 130,000,000 shares. The conversion ratio of our issued and outstanding shares of preferred stock will adjust proportionately with the ratio of the Reverse Stock Split.

The table below sets forth, as of March 3, 2019 and for illustrative purposes only, certain effects of potential Reverse Stock Split ratios of between 1-for-2 and 1-for-30, inclusive, including on our total outstanding Common Stock equivalents (without giving effect to the treatment of fractional shares).

	Common Stock and Equivalents Outstanding Prior to Reverse Stock Split		Common Stock and Equivalents Outstanding Assuming Certain Reverse Stock Split Ratios					
	Shares	Percent of Total	1-for-2	1-for-7	1-for-15	1-for-20	1-for-25	1-for-30
Common stock outstanding	21,793,641	50%	10,896,821	3,113,377	1,452,909	1,089,682	871,746	726,455
Common stock underlying warrants	12,824,657	29	6,412,329	1,832,094	854,977	641,233	512,986	427,489
Common stock underlying options	11,301	0	5,650	1,614	753	565	452	377
Common stock underlying Series B Preferred	9,336,264	21	4,668,132	1,333,752	622,418	466,813	373,451	311,209
Total Common Stock and equivalents	43,965,863	100%	21,982,932	6,280,837	2,931,057	2,198,293	1,758,635	1,465,529
Common stock available for future issuance	206,034,137		228,017,069	243,719,163	247,068,943	248,801,707	248,241,365	248,534,471

As illustrated by the table above, the Reverse Stock Split would significantly increase the ability of our Board of Directors to issue authorized and unissued shares in the future without further stockholder action.

The issuance in the future of such additional authorized shares may have the effect of diluting the earnings or loss per share and book value per share, as well as the ownership and voting rights of the holders of our then-outstanding shares of Common Stock. In addition, an increase in the number of authorized but unissued shares of our Common Stock may have a potential anti-takeover effect, as our ability to issue additional shares could be used to thwart persons, or otherwise dilute the stock ownership of stockholders, seeking to control us. The Reverse Stock Split is not being recommended by our Board of Directors as part of an anti-takeover strategy.

The principal effects of the Reverse Stock Split Amendment will be as follows:

- each two (2) to thirty (30) shares of Common Stock, inclusive, as determined in the sole discretion of our Board of Directors, owned by a stockholder, will be combined into one new share of Common Stock, with any fractional shares that would otherwise be issuable as a result of the split being rounded up to the nearest whole share;
- the number of shares of Common Stock issued and outstanding will be reduced accordingly, as illustrated in the table above;
- proportionate adjustments will be made to the per share exercise prices and/or the number of shares issuable upon exercise or conversion of outstanding options, warrants, and any other convertible or exchangeable securities entitling the holders to purchase, exchange for, or convert into, shares of Common Stock, which will result in approximately the same aggregate price being required to be paid for such securities upon exercise or conversion as had been payable immediately preceding the Reverse Stock Split;
- the number of shares reserved for issuance or under the securities described immediately above will be reduced proportionately; and
- the number of shares of Common Stock available for future issuance will increase accordingly, as illustrated in the table above.

#### Certain Risks Associated with the Reverse Stock Split

Certain risks associated with the Reverse Stock Split are as follows:

- If the Reverse Stock Split is approved and implemented and the market price of our Common Stock declines, the percentage decline may be greater than would occur in the absence of the Reverse Stock Split. The market price of our Common Stock will, however, also be based on performance and other factors, which are unrelated to the number of shares outstanding.
- There can be no assurance that the Reverse Stock Split will result in any particular price for our Common Stock. In addition, we will have fewer shares that are publicly traded. As a result, the trading liquidity of our Common Stock may decline.

- There can be no assurance that the market price per share of our Common Stock after the Reverse Stock Split will increase and remain in proportion to the reduction in the number of shares of our Common Stock outstanding before the Reverse Stock Split. For example, based on the closing price of our Common Stock on February 28, 2019 of \$0.26 per share, if the Reverse Stock Split at a ratio of 1-for-6 is approved and implemented, there can be no assurance that the post-split market price of our Common Stock would be \$1.56 or greater. Accordingly, the total market capitalization of our Common Stock after the Reverse Stock Split may be lower than the total market capitalization before the Reverse Stock Split. Moreover, in the future, the market price of our Common Stock following the Reverse Stock Split may not exceed or remain higher than the market price prior to the Reverse Stock Split.
- The Reverse Stock Split may result in some stockholders owning “odd lots” of less than 100 shares of Common Stock. Odd lot shares may be more difficult to sell, and brokerage commissions and other costs of transactions in odd lots are generally somewhat higher than the costs of transactions in “round lots” of even multiples of 100 shares.
- The number of shares of Common Stock available for future issuance will increase from 206,034,137 shares to between 228,017,069 and 247,068,943 shares, depending on the ratio of the Reverse Stock Split selected by our Board of Directors, significantly increasing the ability of our Board of Directors to issue authorized and unissued shares in the future without further stockholder action which will enable us to raise additional capital in the future through the issuance and sale of equity securities from time to time as our Board of Directors may deem advisable.

Our Board of Directors intends to implement the Reverse Stock Split, if approved by our stockholders, because the Board of Directors believes that a decrease in the number of shares is likely to improve the trading price of our Common Stock and allow us to regain compliance with the \$1.00 minimum bid price required by the NASDAQ Marketplace Rules. The Board of Directors therefore believes that the Reverse Stock Split is in the best interests of the Company and its stockholders. However, the Board of Directors reserves its right to abandon the Reverse Stock Split if it determines, in its sole discretion, that it would no longer be in the best interests of the Company and its stockholders to implement the Reverse Stock Split.

#### **Effective Time**

The proposed Reverse Stock Split would become effective as of 12:01 a.m., Eastern time (the “Effective Time”) on the date specified in the Reverse Stock Split Amendment filed with the office of the Secretary of State of the State of Delaware. Except as explained below with respect to fractional shares, at the Effective Time, shares of our Common Stock issued and outstanding immediately prior thereto will be combined, automatically and without any action on the part of our stockholders, into one share of our Common Stock in accordance with the Reverse Stock Split ratio of between 1-for-2 and 1-for-30, inclusive.

After the Effective Time, our Common Stock will have a new committee on uniform securities identification procedures (“CUSIP”) number, which is a number used to identify our equity securities, and stock certificates with the older CUSIP numbers will need to be exchanged for stock certificates with the new CUSIP numbers by following the procedures described below.

After the Effective Time, we will continue to be subject to periodic reporting and other requirements of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Unless our Common Stock is delisted by NASDAQ because of our failure to comply with the \$1.00 minimum bid price requirement, our Common Stock will continue to be listed on The NASDAQ Capital Market under the symbol “SINT.”

#### **Board Discretion to Implement the Reverse Stock Split Amendment**

If stockholder approval is obtained for the Reverse Stock Split Amendment to effect the Reserve Stock Split, the Board of Directors expects to select an appropriate ratio and implement the Reverse Stock Split promptly. However, the Board of Directors reserves the authority to decide, in its sole discretion, to delay or abandon the Reverse Stock Split after such vote and before the effectiveness of the Reverse Stock Split if it determines that the Reverse Stock Split is no longer in the best interests of the Company and its stockholders. The Board of Directors will, however, implement the Reverse Stock Split, if at all, prior to August 12, 2019.



## **Fractional Shares**

Our stockholders will not receive fractional post-Reverse Stock Split shares in connection with the Reverse Stock Split. Instead, any fractional shares that would otherwise be issuable as a result of the Reverse Stock Split will be rounded up to the nearest whole share.

## **No Going-Private Transaction**

Notwithstanding the decrease in the number of outstanding shares following the proposed Reverse Stock Split, our Board of Directors does not intend for the Reverse Stock Split to be the first step in a “going-private transaction” within the meaning of Rule 13e-3 of the Securities Exchange Act of 1934, as amended. In fact, since all fractional shares of Common Stock resulting from the Reverse Stock Split will be rounded up to the nearest whole share, there will be no reduction in the number of stockholders of record that could provide the basis for a going-private transaction.

## **Effect on Beneficial Holders of Common Stock (i.e., Stockholders Who Hold In “Street Name”)**

Upon the Reverse Stock Split, we intend to treat shares held by stockholders in “street name,” through a bank, broker or other nominee, in the same manner as registered stockholders whose shares are registered in their names. Banks, brokers or other nominees will be instructed to effect the Reverse Stock Split for their beneficial holders holding our Common Stock in “street name.” However, these banks, brokers or other nominees may have different procedures than registered stockholders for processing the Reverse Stock Split. If a stockholder holds shares of our Common Stock with a bank, broker or other nominee and has any questions in this regard, stockholders are encouraged to contact their bank, broker or other nominee.

## **Effect on Registered “Book-Entry” Holders of Common Stock (i.e., Stockholders Who Are Registered on the Transfer Agent’s Books and Records but Do Not Hold Stock Certificates)**

Certain of our registered holders of Common Stock may hold some or all of their shares electronically in book-entry form with the transfer agent. These stockholders do not have stock certificates evidencing their ownership of the Common Stock. They are, however, provided with a statement reflecting the number of shares registered in their accounts.

If a stockholder holds registered shares in book-entry form with the transfer agent, no action needs to be taken to receive post-Reverse Stock Split shares. If a stockholder is entitled to post-Reverse Stock Split shares, a transaction statement will automatically be sent to the stockholder’s address of record indicating the number of shares of Common Stock held following the Reverse Stock Split.

## **Effect on Certificated Shares**

Some of our registered stockholders hold all their shares in certificate form or a combination of certificate and book-entry form. If any of your shares are held in certificate form before the Effective Time (the “Old Certificates”), you do not need to take any action to exchange your Old Certificates unless you want to make a sale or transfer of stock. On request, after the Effective Time we will issue new certificates (the “New Certificates”) to anyone who holds Old Certificates in exchange therefor. Any request for New Certificates into a name different from that of the registered holder will be subject to normal stock transfer requirements and fees, including proper endorsement and signature guarantee, if required.

No New Certificates will be issued to a stockholder until the stockholder has surrendered all Old Certificates to the transfer agent. Stockholders will then receive one or more New Certificates representing the number of whole shares of Common Stock to which they are entitled as a result of the Reverse Stock Split. Until surrendered, we will deem outstanding Old Certificates held by stockholders to be cancelled and only to represent the number of whole shares of post-Reverse Stock Split Common Stock to which these stockholders are entitled.

Any Old Certificates submitted for exchange, whether because of a sale, transfer or other disposition of stock, will automatically be exchanged for New Certificates. If an Old Certificate has one or more restrictive legends on the back of the Old Certificate, the New Certificate will be issued with the same restrictive legends that are on the back of the Old Certificate.

## **STOCKHOLDERS SHOULD NOT DESTROY ANY STOCK CERTIFICATE AND SHOULD NOT SUBMIT ANY STOCK CERTIFICATE UNTIL REQUESTED TO DO SO.**

## **Accounting Matters**

The Reverse Stock Split will not affect the par value of a share of our Common Stock. As a result, as of the Effective Time of the Reverse Stock Split, the stated capital attributable to Common Stock on our balance sheet will be reduced proportionately based on the Reverse Stock Split ratio (including a retroactive adjustment for prior periods), and the additional paid-in capital account will be credited with the amount by which the stated capital is reduced. Reported per share net income or loss will be higher because there will be fewer shares of Common Stock outstanding.

## **No Appraisal Rights**

Under the Delaware General Corporation Law, stockholders are not entitled to dissenters' or appraisal rights with respect to the Reverse Stock Split, and we will not independently provide stockholders with any such rights.

## **Material United States Federal Income Tax Considerations**

The following is a summary of material United States federal income tax consequences of the Reverse Stock Split to holders of our Common Stock. Except where noted, this summary deals only with our Common Stock that is held as a capital asset.

This summary is based upon provisions of the Internal Revenue Code of 1986, as amended (the "Code"), and Treasury regulations, rulings and judicial decisions as of the date hereof. Those authorities may be changed, perhaps retroactively, so as to result in United States federal income tax consequences different from those summarized below.

This summary does not address all aspects of United States federal income taxes that may be applicable to holders of Common Stock and does not deal with foreign, state, local or other tax considerations that may be relevant to stockholders in light of their particular circumstances. In addition, it does not represent a detailed description of the United States federal income tax consequences applicable to you if you are subject to special treatment under the United States federal income tax laws (including if you are a dealer in securities or currencies; a financial institution; a regulated investment company; a real estate investment trust; an insurance company; a tax-exempt organization; a person holding shares as part of a hedging, integrated or conversion transaction, a constructive sale or a straddle; a trader in securities that has elected the mark-to-market method of accounting for your securities; a person liable for alternative minimum tax; a person who owns or is deemed to own 10% or more of our voting stock; a partnership or other pass-through entity for United States federal income tax purposes; a person whose "functional currency" is not the United States dollar; a United States expatriate; a "controlled foreign corporation"; or a "passive foreign investment company").

We cannot assure you that a change in law will not alter significantly the tax considerations that we describe in this summary. No ruling from the Internal Revenue Service or opinion of counsel will be obtained regarding the federal income tax consequences to stockholders as a result of the Reverse Stock Split.

If a partnership (or other entity treated as a partnership for United States federal income tax purposes) holds our Common Stock, the tax treatment of a partner will generally depend upon the status of the partner and the activities of the partnership. If you are a partner of a partnership holding our Common Stock, you should consult your own tax advisors.

We believe that the Reverse Stock Split, if implemented, will constitute a tax-free recapitalization under Section 368(a)(1)(E) Code. If the Reverse Stock Split qualifies as a tax-free recapitalization under the Code, then, for United States federal income tax purposes, no gain or loss will be recognized by the Company in connection with the Reverse Stock Split, and no gain or loss will be recognized by stockholders that exchange their shares of pre-split Common Stock for shares of post-split Common Stock, except with respect to fractional shares as discussed below. The post-split Common Stock in the hands of a stockholder following the Reverse Stock Split will have an aggregate tax basis equal to the aggregate tax basis of the pre-split Common Stock held by that stockholder immediately prior to the Reverse Stock Split. A stockholder's holding period for the post-split Common Stock will be the same as the holding period for the pre-split Common Stock exchanged therefor.

Stockholders whose fractional shares resulting from the Reverse Stock Split are rounded up to the nearest whole share may recognize gain for United States federal income tax purposes equal to the value of the additional fractional share. Stockholders should consult their own tax advisors regarding characterization of the Reverse Stock Split for United States federal income tax purposes.

## **Required Vote**

Approval of the Reverse Stock Split Proposal requires the affirmative vote of the holders of a majority of the votes outstanding and entitled to vote at the Annual Meeting. Abstentions will have the same effect as votes against the Proposal. Your broker or nominee will have discretionary authority to vote your shares with respect to "routine" proposals but not with respect to "non-routine" proposals. We believe the Reverse Stock Split Proposal is a routine matter and may be voted on by your broker if you do not submit voting instructions.

If the required votes for this Proposal are obtained, then our Board of Directors will have the authority to select the Reverse Stock Split ratio in the stated range and authorize the filing of the Reverse Stock Split Amendment in substantially the form attached to this Proxy Statement as APPENDIX A at any time after the approval of the Reverse Stock Split Proposal but prior to August 12, 2019. Our Board of Directors reserves the right to abandon the proposed Reverse Stock Split at any time prior to the effectiveness of the filing of the Reverse Stock Split Amendment with the Delaware Secretary of State, notwithstanding authorization of the proposed Reverse Stock Split Amendment by our stockholders.

## RECOMMENDATION OF THE BOARD OF DIRECTORS FOR PROPOSAL NO. 2:

*The affirmative vote of the holders of a majority of the votes outstanding and entitled to vote at the Annual Meeting is required to approve this Proposal No. 2. The Board of Directors recommends that you vote FOR this Proposal.*

## PROPOSAL NO. 3

### RATIFICATION OF THE APPOINTMENT OF TANNER LLC AS INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2019

The Audit Committee has selected and appointed the firm of Tanner LLC as the independent registered public accounting firm to examine our financial statements for the year ended December 31, 2019. Tanner LLC audited our 2018 and 2017 annual financial statements. We do not expect representatives of Tanner LLC will attend the annual meeting.

Ratification of the selection of Tanner LLC is not required by our Bylaws or otherwise. The Board is submitting the selection to our stockholders for ratification as a matter of good corporate practice. If the selection is not ratified, the Audit Committee will consider whether it is appropriate to select another registered public accounting firm. Even if the selection is ratified, the Audit Committee in its discretion may select a different registered public accounting firm at any time after the annual meeting if it determines such a change would be in the interests of SINTX and its stockholders.

#### Accountant Fees and Services

The aggregate fees and expenses incurred from our principal accounting firm, Tanner LLC, for fiscal years ended December 31, 2018 and 2017, were as follows (in thousands):

	Year Ended December 31, 2018	Year Ended December 31, 2017
Audit fees	\$ 251,558	\$ 260,081
Audit related fees	124,974	-
Tax fees	17,482	15,500
All other fees	-	-
Total Fees	<u>\$ 394,014</u>	<u>\$ 275,581</u>

Each of the permitted non-audit services has been pre-approved by the Audit Committee or the Audit Committee's Chairman pursuant to delegated authority by the Audit Committee, other than de minimus non-audit services for which the pre-approval requirements are waived in accordance with the rules and regulations of the Securities and Exchange Commission.

#### Audit Fees

Consist of fees billed for professional services rendered for the audit of our financial statements and review of interim consolidated financial statements included in quarterly reports and services that are normally provided by the principal accountants in connection with statutory and regulatory filings or engagements.

#### Audit Related Fees

Consist of fees billed for assurance and related services that are reasonably related to the performance of the audit or review of our consolidated financial statements and are not reported under "Audit Fees".

#### Tax Fees

Consist of fees billed for professional services for tax compliance, tax advice and tax planning. These services include preparation of federal and state income tax returns.

## All Other Fees

Consist of fees for product and services other than the services reported above.

## Policy for Approval of Audit and Permitted Non-Audit Services

The Audit Committee charter provides that the Audit Committee will pre-approve audit services and non-audit services to be provided by our independent auditors before the accountant is engaged to render these services. The Audit Committee may consult with management in the decision-making process, but may not delegate this authority to management. The Audit Committee may delegate its authority to pre-approve services to one or more committee members, provided that the designees present the pre-approvals to the full committee at the next committee meeting.

*The affirmative vote of the holders of a majority of the common shares voted on the proposal and represented at the annual meeting in person or by proxy is required to ratify the selection of Tanner LLC. The Board of Directors recommends that you vote FOR this proposal.*

## PROPOSAL NO. 4:

### ADJOURNMENT TO SOLICIT ADDITIONAL PROXIES

Stockholders are being asked to grant authority to proxy holders to vote in favor of one or more adjournments of the meeting, if necessary or appropriate, to solicit additional proxies if there are insufficient votes at the time of the meeting to adopt one or more of the foregoing Proposals. If this Proposal is approved, the meeting could be successively adjourned to any date. We do not intend to call a vote on adjournments of the meeting to solicit additional proxies if the adoption of each of the foregoing Proposals is approved at the meeting. If the meeting is adjourned to solicit additional proxies, stockholders who have already submitted their proxies will be able to revoke them at any time prior to their use.

### Vote Required

The approval of authority to adjourn the meeting requires the affirmative vote of stockholders who hold a majority of the shares of Common Stock present in person or represented by proxy at the meeting and entitled to vote. Abstentions will have the effect of a vote against this Proposal. Broker non-votes will not count as votes for or against this Proposal and will have no effect on the outcome.

### RECOMMENDATION OF THE BOARD OF DIRECTORS FOR PROPOSAL NO. 4:

*The Board of Directors recommends that stockholders vote for adjournments of the meeting, if necessary or appropriate, to solicit additional proxies if there are insufficient votes at the time of the meeting to adopt one or more of the foregoing Proposals.*

### OTHER MATTERS

As of the date of this proxy statement, the Board knows of no other matters that may come before the annual meeting. However, if any matters other than those referred to herein should be presented properly for consideration and action at the annual meeting, or any adjournment or postponement thereof, the proxies will be voted with respect thereto in accordance with the best judgment and in the discretion of the proxy holders.

The above notice and proxy statement are sent by order of the Board of Directors.

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B. Sonny Bal, MD  
Chief Executive Officer

March \_\_, 2019

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APPENDIX A

CERTIFICATE OF AMENDMENT  
TO THE  
RESTATED  
CERTIFICATE OF INCORPORATION  
OF  
AMEDICA CORPORATION

AMEDICA Corporation (the “*Corporation*”), a corporation duly organized and existing under the Delaware General Corporation Law (the “*DGCL*”), does hereby certify that:

**First.** The amendment to the Corporation’s Restated Certificate of Incorporation set forth below was duly adopted by the Board of Directors at a meeting in accordance with the provisions of Section 242 of the DGCL and was approved by the stockholders at a meeting of the Corporation’s stockholders, duly called and held upon notice in accordance with Section 222 of the DGCL, at which meeting the necessary number of shares as required by statute were vote in favor of the amendment.

**Second.** The Restated Certificate of Incorporation is hereby amended by adding the following after the third paragraph of Article FOURTH:

“Upon the filing and effectiveness (the “*Effective Time*”) pursuant to the Delaware General Corporation Law of this Certificate of Amendment to the Amended and Restated Certificate of Incorporation of the Corporation, each \_\_\_ shares of Common Stock, par value \$0.01 (the “*Old Common Stock*”) either issued and outstanding or held by the Corporation in treasury stock immediately prior to the Effective Time shall, automatically and without any action on the part of the respective holders thereof, be combined and converted into one (1) share of Common Stock, par value \$0.01 per share (the “*New Common Stock*”). The Corporation shall, through its transfer agent, provide certificates representing New Common Stock to holders of Old Common Stock in exchange for certificates representing Old Common Stock. From and after the Effective Date, certificates representing shares of Old Common Stock are hereby canceled and shall represent only the right of holders thereof to receive New Common Stock. The Corporation shall not issue fractional shares of New Common Stock. The reverse stock split shall not increase or decrease the amount of stated capital or paid-in surplus of the Corporation, provided that any fractional share that would otherwise be issuable as a result of the reverse stock split shall be rounded up to the nearest whole share of New Common Stock. From and after the Effective Date, the term “New Common Stock” as used in this Article 4 shall mean common stock as provided in the Amended and Restated Certificate of Incorporation.”

**Third.** Except as herein amended, the Corporation’s Amended and Restated Certificate of Incorporation shall remain in full force and effect.

**Fourth.** This amendment shall be effective on \_\_\_\_\_, 20\_\_ at 12:01 a.m. Eastern Time.

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be executed by a duly authorized officer on this \_\_\_ day of \_\_\_\_\_, 2019.

AMEDICA CORPORATION

By: \_\_\_\_\_  
Its: \_\_\_\_\_

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