

May 2021 | Issue 3

# BIOSIG TECHNOLOGIES, INC.

## COMPANY NEWSLETTER

### A MESSAGE FROM OUR CEO

**BY KEN LONDONER, CO-FOUNDER & CEO,  
BIOSIG TECHNOLOGIES, INC.**

*The month of June has been defined by exceptional performance and promise.*

*We are thrilled to cross the 1000-case milestone, a figure that was our initial target for all of 2021. This case growth allows us to collect vast amounts of clinical data, providing us with immense intelligence that is vital for our clinical and commercial strategy. Increased technology usage in elective procedures is a much-awaited sign of the steady pandemic recovery in our country, and we are looking forward to a strong second half of 2021.*

*This month, we further developed plans for our organization's continued success and growth. Like a healthy heart, we have found our rhythm—balancing progress and plans to undertake the multiple opportunities on the long and near-term horizons— including leading industry conferences, such as the Annual Heart Rhythm Convention 2021, the Stanford Biodesign Retreat, and more.*

*As always, my profound thanks to my incredible team and everyone supporting BioSig's mission.*

### COMPANY OVERVIEW

BioSig Technologies, Inc. (Nasdaq: BSGM) is an emerging growth, medical technology company currently penetrating the \$6 billion dollar electrophysiology market with its first product, the PURE EP™ System. [Click here to learn more.](#)

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## JUNE HIGHLIGHTS: CLEAR EYES, FULL HEARTS FOR PURE EP

### PHYSICIAN USERS COMPLETE 1000+ PATIENT CASES WITH THE PURE EP™ SYSTEM!

We recently increased our procedural volume targets for 2021 due to accelerated technology use. The month of June marked the official announcement that PURE EP™ reached its 1,000 patient case milestone.

To meet the demand of technology adoption, we are also expanding our clinical team across the Northeast, Texas, and Florida, three strategic commercial regions that account for the largest electrophysiology programs in the country.

### PURE EP TO BE FEATURED IN TWO CLINICAL & SCIENTIFIC PRESENTATIONS AT THE ANNUAL HEART RHYTHM 2021 CONVENTION

BioSig's upcoming attendance at the Heart Rhythm 2021 Annual Convention on July 28-30 will include scientific presentations by physician users and research investigators from two leading institutions, the Deborah Heart & Lung Center, Brown Mills, NJ and the University of Pennsylvania, Philadelphia, PN.



Raffaele Corbisiero, MD., Cardiac Electrophysiologist and Pedram Kazemian, MD., Cardiac Electrophysiologist, Deborah Heart and Lung Center, Browns Mills, New Jersey



## PURE EP™ SEE MORE, CLEARLY METRICS THAT MATTER

TOTAL PATIENT CASES COMPLETED	1,011
TOTAL PHYSICIAN USERS	9
TOTAL CENTERS	52

“

*The rapid acceleration of procedural cases is due, in part, to the fact that many of our centers have also been requesting additional PURE EP systems... This deeper penetration into hospitals has helped us gain a greater diversity of physicians and also conduct more cases.*

”

~Natasha Drapeau,  
Executive Vice President,  
BioSig Technologies, Inc.

### ABOUT THE PURE EP™ SYSTEM

The PURE EP™ System elevates the standard of care in electrophysiology through enhanced signal acquisition, digital signal processing, and analysis. The PURE EP™ System is powered by a unique hardware architecture allowing the full range of cardiac analog signals to be acquired in a raw, streamlined, unfiltered format. This is then converted into a digital modality powered by advanced signal processing software for unlimited real time data analysis.

[Click here to more about our solution.](#)



# SAVE THE DATE - HEART RHYTHM 2021

## BIOSIG TECHNOLOGIES GETTING INTO RHYTHM FOR HRS 2021!

**WRITTEN BY JULIE STEPHENSON,  
VICE PRESIDENT CLINICAL AFFAIRS,  
BIOSIG TECHNOLOGIES, INC.**

In July, our team will be attending The Annual Heart Rhythm (HRS) 2021 Convention, taking place on July 28-31 in one of our nation's medtech capitals, Boston, Massachusetts!

We have achieved so much as an organization in the last several years and HRS is a perfect platform to share our story, showcase our technology, and create awareness in the EP market about who we are and what we stand for. We will share data from the PURE EP 2.0 Study and two scientific poster presentations. Additionally, we are planning two educational dinner programs with different physician faculty members. We will also have several PURE EP™ demo stations in the BioSig booth so physicians can see the system up-close. We look forward to connecting with our partners and peers during this important event.

## JOIN US!

**Exhibit Hall- Booth 846**  
**Boston Convention Center**  
**July 28-30**



**21**  
**HEART RHYTHM**  
BRINGING THE WORLD  
OF EP TOGETHER

**Featuring exclusive scientific presentations  
from PURE EP™ physicians users and  
BioSig's clinical team...**

**The Science Behind the PURE EP™ System**  
BioSig Technologies, Inc.

**PURE EP: Clinical Data to Applications**  
Andrea Natale, M.D., St. David's Medical  
Center

**Post-Ablation Bipolar Voltage By PURE  
EP(tm) As a Marker Of Transmural Lesion**  
Pedram Kazemian, M.D., Deborah Heart &  
Lung Center

**Atrial Unipolar Electrogram Filtering to  
Better Delineate EGM Amplitude and  
Morphology During Radiofrequency Ablation**  
Jonathan Salas, B.S., University of Pennsylvania

**CLICK HERE TO VIEW BIOSIG'S  
FULL HRS ITINERARY**



## MAY'S HONORARY MENTIONS...

We would like to give a warm welcome to Drew Knauf, Brendon Quvus, and Walt Quinn who joined us in June. We are thrilled to have you on the team.

And a big congratulations to Susan Shen and her family on the birth of their second child, Quinn, who arrived on June 4th. Susan says Quinn will be ready to run the PURE EP™ system in a few months!

## BIOSIG IN THE NEWS

Our very own Executive Vice President, Natasha Drapeau, had the chance to sit down with Christine Corrado of Proactive, to discuss the rapid acceleration of patient cases that have been completed by physician users of the PURE EP™ System.



[CLICK HERE TO WATCH THE INTERVIEW](#)



## PURE EP™ IN FEATURED IN LEADING SCIENTIFIC JOURNALS

BioSig's PURE EP™ System has had a presence in leading scientific journals every single month this year. PURE EP™ was featured in the June issue of the Journal of Innovations in Cardiac Rhythm Management (JICRM), highlighting the system's most recent clinical metrics as well as PURE EP™'s upgraded software version, **PURE EP Software Version 4.**

## BIOSIG'S PARTICIPATION AT LEADING INVESTOR CONFERENCES

In June, BioSig attended two leading investor conferences:

**Jefferies Virtual Healthcare Conference** and the **LD Micro Invitational XI Virtual Event**.

Natasha Drapeau, BioSig's Executive Vice President, presented at the Jefferies Virtual Healthcare Conference, providing an overview of the company, our novel technology, the EP market, and more. The virtual conference included over 400 public & private healthcare companies and 3,000 leading executives, institutional investors, private equity investors & VCs will address near- and long-term investment opportunities and discuss the current trends driving healthcare in the U.S. and internationally. [Click here to view the webcast recording of the presentation.](#)



From left to right: Sudarsan Dasan, Principal Software Engineer, Nandini Agrawal, Engineering Intern, Barinder Chhina, Lead Software Test Engineer, Thomas (Tommy) MacNeil, Engineering Intern



Niki Armstrong, Clinical Affairs Intern



Thomas (Tommy) MacNeil & Niki Nandini Agrawal

## A WARM WELCOME TO OUR SUMMER INTERNS!

Niki Armstrong, our Clinical Affairs intern, is spending her summer with BioSig, analyzing data from our PURE EP™ System, and processing information for future publications. Nandini Agrawal, an Electrical Engineering major, and Thomas MacNeil, a Biomedical Engineering major, are spending their summer helping with Verification & Validation for our PURE EP™ software.

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*The internship is a well rounded program dedicated to providing purposeful work for the next generation of thinkers and innovators.*

”

~Graham Bonnell, Communications Associate, BioSig Technologies, Inc. (Former BioSig intern, Summer 2019)

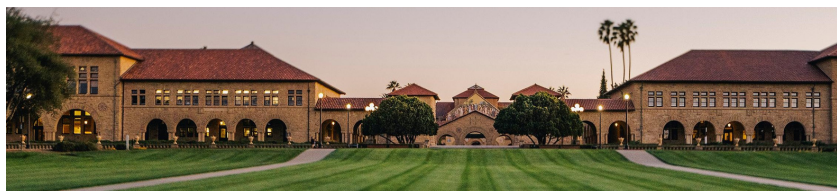


## BIOSIG INVITED TO PRESENT AT THE 2021 STANFORD BIODESIGN NEW ARRHYTHMIA TECHNOLOGIES RETREAT

Olivier Chaudoir, BioSig's Senior Director of Marketing, will be conducting BioSig's presentation highlighting the clinical applications of the PURE EP™ System, including a demonstration of its newest software features.

The Retreat is designed to serve as an expert forum of key thought leaders and innovators to share their ideas about new and emerging technologies in arrhythmia management and diagnosis. Physicians and scientists will be asked to give brief talks about the emerging developments in their field, the key needs in cardiac arrhythmias in their area of expertise, and the likely solutions in the next five years.

To register for the Retreat, please follow the instructions on the **Stanford Biodesign website**.



“

*We look forward to presenting a selection of impactful clinical examples that demonstrate the applications of our latest software tools during this year's Stanford Biodesign Retreat. We would like to thank Dr. Wang and the faculty for the outstanding agenda that highlights innovation in this crucial area of arrhythmia care.*

”

~Olivier Chaudoir, Senior Direct of Marketing,  
BioSig Technologies, Inc.

## MORE TO COME? LEARN MORE ABOUT ONE OF THE MOST TRANSFORMATIVE FIELDS OF MEDICINE

The Alliance for Advancing Bioelectronic Medicine (AABM) to Host the First Episode  
of Virtual Webinar Series,

### Bioelectronic Medicine Talks

Airing July 13, 2021 | 11 am ET

RESERVE YOUR (VIRTUAL) SEAT HERE!



**Douglas Weber, Ph.D**  
Professor of Mechanical  
Engineering,  
Neuroscience Institute,  
Carnegie Mellon  
University



**Flavia Vitale, Ph.D**  
Assistant Professor of  
Neurology Bioengineering  
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**Colin Kealy Ph.D**  
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