In This Issue
• Employee Spotlight
• Handheld Isolated Potentiostat
• Recent Publications
• Seizure Analysis Software
• Software Updates
• Surgery Tip
• Technical Question

Reminder
Pinnacle recently released Version 1.2.3 of our Sirenia® software. To ensure that you're getting the most from this software program, we recommend regularly updating your software. The new version can be downloaded for free from our website.

Surgery Tip
Working with Wire Leads:
When arranging and placing screws with wire leads, it is important to ensure that neither the leads nor the screws come into contact with one another. We recommend using the continuity test mode on a standard voltmeter (also known as resistance or Ohm testing) and checking each lead with the corresponding pin as well as against other pins. When the voltmeter leads are connected to the correct pin, a steady tone should sound. When the lead is checked against other, non-connected pins, no tone should sound. If there is a tone between leads that should not be connected, this should be corrected before application of the dental acrylic at the end of surgery.

Technical Question
How do I reduce the size of my video files?
For most experimental setups, capturing video in grayscale is an acceptable alternative to recording in color. Changing camera settings to gray scale will significantly reduce the file size.

Comments
Have a technical question that needs answering? Suggestions for future issues? Let us know what you want to see in our newsletter.

2012 was a great year for us at Pinnacle, and 2013 is shaping up to be even better. Though we are less than one month into the new year, we have already released a number of new products, including our automated seizure detection and analysis software and a handheld isolated potentiostat—both are highlighted in this newsletter. Over the next year we will be busy finalizing even more products. Keep your eye out for our master clock, three-channel wireless biosensor system, and XY tracking software. Finally, we are excited to introduce you to our newest team member. Dr. Shaheen Latif comes to us from the University of Kansas’s neuroscience program. Many of you have had the opportunity to chat with her over the phone. Get to know her a little more in the employee spotlight below.

All the best,

Donna A. Johnson, President and CEO

New Product
Automated Seizure Software Is Here!

Pinnacle Technology is proud to announce that our seizure analysis software is now available. Sirenia® Seizure Pro will dramatically reduce your research and analysis time by automating the seizure identification and analysis processes. Sign up for a 30-day trial, and try it free today!

Key Features:
• Identification and logging tools, make it easy to quickly scan and mark seizures using the parameters that you select.
• Perform automated analysis, including peak frequency, seizure duration, and more, with the click of a button.
• Customize plots and graphs, and export them for use in papers, presentations, and everyday research.

Visit our website to learn more.
Compare Seizure Pro to our basic software.
Check out our AES poster presentation.

Learn More About Our EEG Systems
Learn More About Our Video System

Information
2013 Catalog
Biosensor Brochure
EEG/EMG Brochure
Join us on LinkedIn
Request a Manual
by emailing us at sales@pinnaclet.com
We'd love to hear from you!

Featured Product
Handheld Isolated Potentiostat
This general purpose, wireless, one-channel potentiostat can be used for a wide range of amperometric systems, including lab-on-chip and biosensors. Its isolated design makes it uniquely suited for in-channel detection in capillary electrophoresis systems. The system is powered by a standard lithium 9V battery and uses Bluetooth® Smart telemetry to a USB dongle for reliable data transfer. The potentiostat is fully supported by Pinnacle’s Sirenia® software suite. Learn more about the potentiostat by visiting our website.

Employee Spotlight
Dr. Shaheen Latif
The newest member of the sales team at Pinnacle, Dr. Shaheen Latif, spent the past several years focused on animal research. As the only graduate student in Dr. Stephen Fowler’s lab at the University of Kansas, Shaheen spent many long hours researching cognitive deficits in pharmacological animal models of psychosis.

Her interest in neuroscience and behavior began at home. As a child in a conservative, Eastern family living in a Western, American environment, she found herself intrigued by the differences in behavior and social norms between the two cultures. This sparked an initial interest in social psychology, and Shaheen went on to pursue a bachelor's degree in psychology at the University of Kansas while fulfilling pre-med requirements in the hopes of becoming a medical doctor.

During her time in college, Shaheen had close friends and family members affected by neurological disorders, such as schizophrenia and Parkinson's disease. These experiences led Shaheen to develop a strong interest in behavioral pharmacology and operant conditioning.

“I was fascinated by the way changes in the brain would dictate behavior and the way therapeutic drugs could influence that,” she says. “Plus, I idolized research. So much of my undergraduate and graduate school work focused on studying behavior in animals or animal models of diseases and how the contingencies of the environment, as well as the effects of drugs, could regulate behavior.”

Five years later, with her Ph.D. in Neuroscience complete, Shaheen is looking forward to new studies. “There are so many things going on at Pinnacle,” she says. “It’s a great opportunity to learn different aspects of the field and become a better neuroscientist. It’s really exciting.”

Recent Publications
For a complete list of publications by Pinnacle customers, visit our website at http://www.pinnaclet.com/publications.html.

Seizure Publications


Sleep Publications


Sleep + Biosensor Publications
Have you recently published an article that isn't listed? Email us, and we'll include your article in our next newsletter.

Forward This Email

Copyright © 2013 Pinnacle Technology, Inc., All rights reserved. You are receiving this email because you opted-in as a customer of Pinnacle Technology or have expressed interest in Pinnacle products.
Our mailing address is:
Pinnacle Technology, Inc.
2721 Oregon Street
Lawrence, KS 66046

Add us to your address book

unsubscribe from this list | update subscription preferences