

Texas A & M presents at MEDCon: Design Your Medical Device with the Future in Mind

MEDCon

[Medical Electronic Device Conference & Expo \(MEDCon\)](#) [1] announces that William Hyman, Professor of Biomedical Engineering at Texas A&M University will present during the event, being held May 16-18, 2011 at Navy Pier in Chicago, IL. This event provides the opportunity to stay at the forefront of innovations in engineering for electronic medical devices.

In the session "[Designing Your Product with the Future in Mind: Categorizing Identical, Suitable, or Inappropriate Replacement Parts.](#)" [2] William will discuss issues associated with the suitability of replacement parts obtained from non-original manufacturer sources and why it is important for medical device engineers to understand as they endeavor to repair and maintain medical devices at a reasonable cost. This presentation will provide a set of guidelines for evaluating and purchasing replacement parts in the context of the potential adverse effects of using inappropriate parts or parts sources.

Other confirmed speakers include:

- Edwin Bills, Principal, Bilanx Consulting, LLC
- Jeff Alves, Manager, Electrical System Design, St. Jude Medical, CRM Division
- Steven Galecki, Senior Electrical Engineer, NDI Medical
- Jeremy Hannon, Lead Electrical Engineer, GE Healthcare
- Jon Knight, Vice President, Research & Development, Boston Scientific, Imaging Franchise
- Gordon Smith, Chief Technology Officer, GSI Technologies
- Terry N. Layton, Ph.D., Visiting Professor, Department of Bioengineering, University of Illinois, Chicago
- Glen Griffith, RF Fellow, Alfred Mann Foundation
- Michael Bozeman, Technical Director of Electrical Engineering, International Biomedical
- Dr. John Nyenhuis, Professor of Electrical and Computer Engineering, Purdue University
- Jonathan Butzine, Electrical Engineer - Architect, GE Healthcare
- William Schmidt, CAPA Project Manager, Beckman Coulter
- Jamie Piaget, Electrical Engineer, IC & Sensor Development, Boston Scientific Corporation
- Peter Strazdins, Development Engineer, Prosthetics, Motion Control, Inc.

MEDCon will cover technical presentations on challenges with designing next generation medical devices, including:

- Optimizing on low-power design to extend battery life
- Maintaining the safety and security of data from electronic devices
- Knowing where the FDA & FCC are heading with telehealth, 501(K) & documentation for certification of Class II & III devices

[Source Leading Products, Technology and Services in the Exhibit Hall](#) [1]

- See the latest electronic components & systems to solve power, wireless, RF & space configuration needs
- Learn about new initiatives that electronics suppliers are working on to facilitate the next generation of medical devices
- Engage contract manufacturers that meet your design challenges, timeframe & budget
- Network with colleagues and peers who face similar challenges

[For more event information, view the preliminary agenda.](#) [2]

Source URL (retrieved on 01/26/2015 - 4:48am):

<http://www.mdtmag.com/news/2011/01/texas-m-presents-medcon-design-your-medical-device-future-mind>

Links:

[1] http://medicaldevicesexpo.com/Event.aspx?id=438082&utm_campaign=MDTED0118&utm_medium=editorial&utm_source=mdtmag.com&utm_content=text&utm_term=home&MAC=MEDMDT20

[2] http://medicaldevicesexpo.com/redForms.aspx?id=438082&pdf_form=1&utm_campaign=MDTED0118&utm_medium=editorial&utm_source=mdtmag.com&utm_content=text&utm_term=agenda&MAC=MEDMDT20