License Certificates

Fred Wang, Zheyu Zhang, Wen Zhang
Surface Mount Coaxial Shunt Resistor

Neal Stewart, David Mann
Strong Constitutive Plant Promoters

Shigetoshi Eda, Jie (Jayne) Wu
Portable Diagnostic System

Yilu Lu, Lingwei Eric Zhan, Wenxuan Yao, Wei Gao, Haoyang Lu
Mobile Electric Field Sensor

Jennifer Richards
Hands On: Real World Lessons for Middle School Classrooms

Robert Miller
Tobacco Breeding Line

Gary Bates, David McIntosh
Orchard Grass Variety, Persist 2.0

Chunlei Su, Richard Gerhold, Alycia Chapman
Toxoplasma Gondii Antigen
Toxoplasma Gondii Test Kit

David Mandrus, Michael Koehler, Veerle Keppens
WS2 Crystal for Electron Transport
NbS2 Crystal for Electron Transport

Tami Wyatt, Xueping Li, Susan Hébert, Sarah Lowe
Interactive Debriefing Application (IDA)

2019 Maturation Grants

Kaitlin Oliver-Butler and Caleb Rucker
Mechanical, Aerospace & Biomedical Engineering, UTK

Oudessa Kerro Dego
Animal Science, UTIA

Tarek Hewezi
Plant Science, UTIA

UT RESEARCH FOUNDATION

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THE UNIVERSITY OF TENNESSEE UT RESEARCH FOUNDATION INNOVATION AWARDS

2018

Wednesday, December 5
11:00 AM - 1:00 PM

The Foundry on the Fair Site

2018 INNOVATION AWARDS

The University of Tennessee Research Foundation is proud to recognize UT researchers who positively impact our society through innovative technologies.

Welcome/Lunch

Opening Remarks

Dr. Stacey S. Patterson
UTRF President

Award Presentations:

UTRF Licensing Team

- Patents
- Innovation Driver Award Nominees
- License Certificates
- 2019 Maturation Awards
- Innovation Driver Award

Closing Remarks

Dr. Maha Krishnamurthy

UTRF Licensing Team

Dr. Maha Krishnamurthy
UTRF Vice President

Dr. Nghia Chiem
UTRF Licensing Associate

Dr. Andreana Leskovjan
UTRF Licensing Associate

Dr. Kusum Rathore
UTRF Licensing Assistant

Patents

Luis Stand, Mariya Zhuravleva, Charles Melcher
Ternary Metal Halide Scintillators

Lawrence Anovitz
Carbonation of Metal Silicates for Long-Term CO_2 Sequestration

Doug Birdwell, Mark Dean, Catherine Schuman, Margaret Drouhard
Method and Apparatus for Constructing a Neuroscience-Inspired Artificial Neural Network with Visualization of Neural Pathways

Doug Birdwell, Catherine Schuman
Method and Apparatus for Constructing a Neuroscience-Inspired Artificial Neural Network

Fred Wang, Ben Guo
Three-Phase Current Source Rectifier for Power Supplies

Jie (Jayne) Wu, Shigetoshi Eda
Methods for Detecting a Biomarker by Alternating Current Electrokinetics

Yunchao Li
Surface Treated Carbon Catalysts Produced from Waste Tires for Fatty Acids to Biofuel Conversion

Ramki Kalyanaraman, Gerd Duscher, Abhinav Malasi, Humaira Taz, Annette Farah, Maulik Patel
Semiconductor Composition Containing Iron, Dysprosium and Terbium

Xiaofei (Philip) Ye
Glycerol Dehydration Methods and Products Thereof

Tao Hong, Brian Keith Long, Jimmy Mays
Cross-Linked Polymeric Membranes for Carbon Dioxide Separation

Jimmy Mays
Multigraft Copolymers as Superelastomers

John D. Auxier II, Daniel Hanson, Matthew Marsh, Howard Hall
Methods for Gas-Phase Thermochromatographic Separations of Fission and Activation Products

Priya Ranjan
Key Gene Regulating Plant Cell Wall Recalcitrance

Innovation Driver Award Nominees

UTRF INNOVATION Driver

Joshua Campbell
Assistant Professor, Oral and Maxillofacial Surgery, UTGSM

Oudessa Kerro Dego
Assistant Professor, Animal Science, UTIA

Brett Compton
Assistant Professor, Mechanical, Aerospace & Biomedical Engineering, UTK