



ETRC 2022 CONFERENCE PROGRAM

Conference Theme: Research, Innovation, and Entrepreneurship

Monday, April 11, 2022

8:30 am — 3:30 pm

Zoom link : [Click here to join the conference](#)

8:30-8:45 AM - Welcome & Opening Remarks

Research, Innovation, Entrepreneurship and COVID-19: Challenges and Opportunities

Steven Idell, MD, PhD

Senior Vice President of Research, Temple Chair of Pulmonary Fibrosis, and
Professor of Medicine,
The University of Texas at Tyler

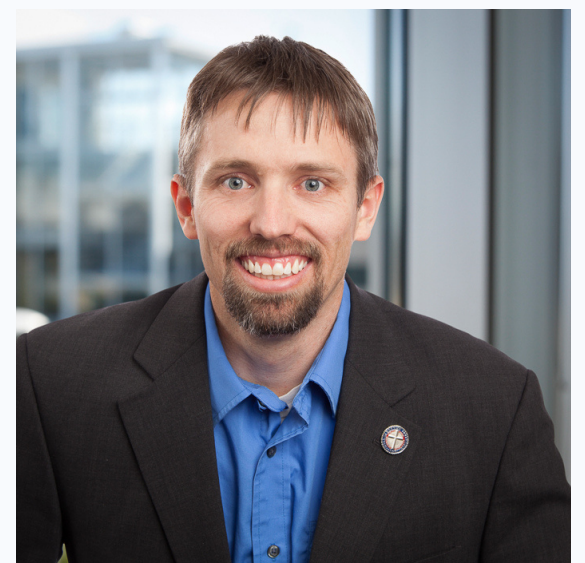


8:45-9:30 AM - Keynote Presentation

Intersection of Finance, Science, and Entrepreneurism

Dr. Aaron Fletcher, PhD

Managing Partner of Bios Partners
Fort worth, Texas



9:30-10:10 AM - Oral Presentation

What is being done to address the concerns of those reluctant to get vaccinated?

Paul McGaha, DO, MPH

Associate Professor and Chair, Department of Community Health,
School of Community and Rural Health
The University of Texas at Tyler



10 minutes break

10:20-11:00 AM - Oral Presentation

Rice University's Engagement with the Houston Biomedical Entrepreneurial
Ecosystem

Jane Grande-Allen, PhD

Isabel Cameron Professor of Bioengineering
Rice University



11:00-11:30 AM - Oral Presentation

Intellectual Property and Commercialization for Academicians: The Lung
Therapeutics Inc. Story

Steven Idell, MD, PhD

Senior Vice President of Research, Temple Chair of Pulmonary Fibrosis, and
Professor of Medicine
The University of Texas at Tyler

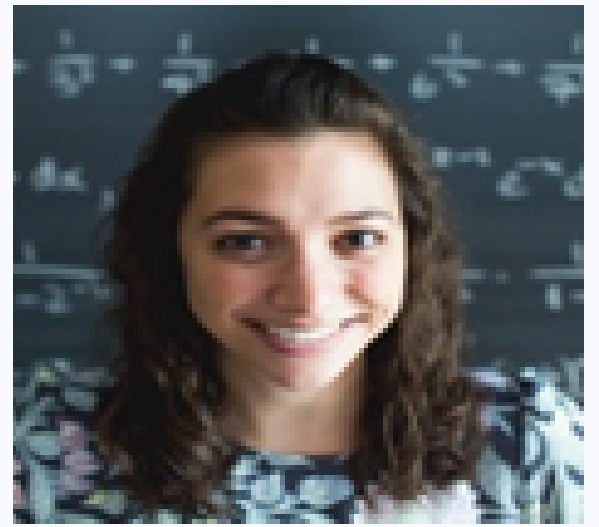


11:30-12:00 PM - Panel Presentation

Research, Innovation, Entrepreneurship in Arts & Sciences

Interdisciplinary Mathematics Research Involving Number Theory

Maddie Dawsey, PhD



Population and Survey Research in East Texas

Mark Owens, PhD



Engaging Undergraduates in Research and Innovation

E.Cory Sills, PhD



College of Arts & Sciences
The University of Texas at Tyler

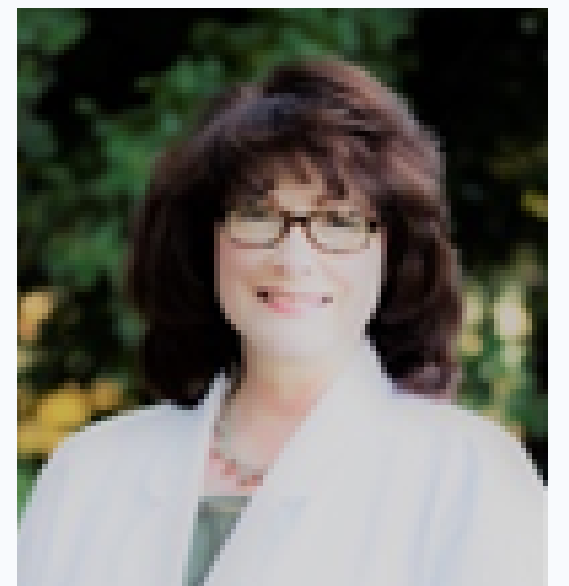
Lunch Break 12:00-12:30 PM

12:30-01:00 PM - Panel Presentation

Research, Innovation, Entrepreneurship in Community and Health Wellness

Mobile Health, Telehealth and Telepsychiatry: Meeting Patients Where They Are

Barbara Chapman, DNP



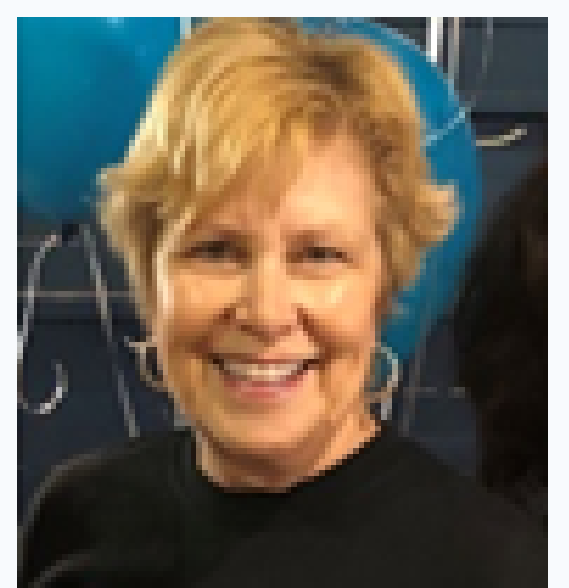
Addressing Community Mental Health and Educating Students through Mobile & Telehealth Initiatives, **Sandra Petersen, DNP**



The INTUNE Advanced Nursing Education Workforce HRSA Grant Project,

Carol Rizer, DNP

School of Nursing
The University of Texas at Tyler

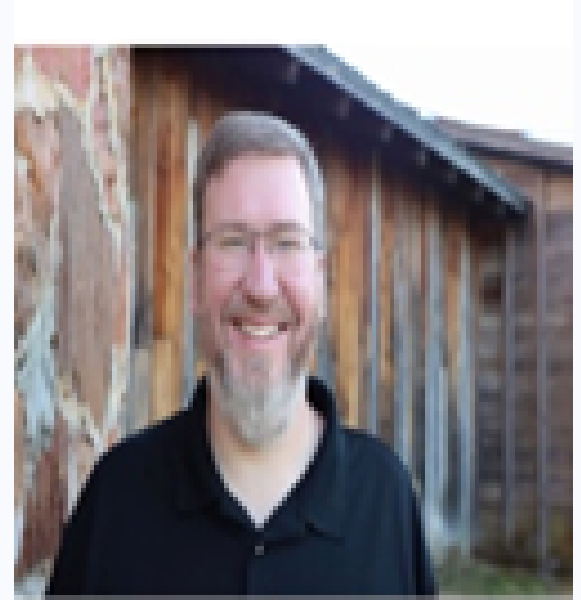


01:00-01:30 PM - Panel Presentation

Research, Innovation, Entrepreneurship in Education Sciences

Using Virtual Reality to Improve Neuropsychological Assessment Older Adults

Michael Barnett, PD



Mental Health and the Growing Needs in K-12, **Jo Ann Simmons, PhD**



COVID-19 and University Enrollment, **Chris Thomas, PhD**

College of Education & Psychology

The University of Texas at Tyler



01:30-02:00 PM - Panel Presentation

Research, Innovation, Entrepreneurship in Community and Engineering Sciences

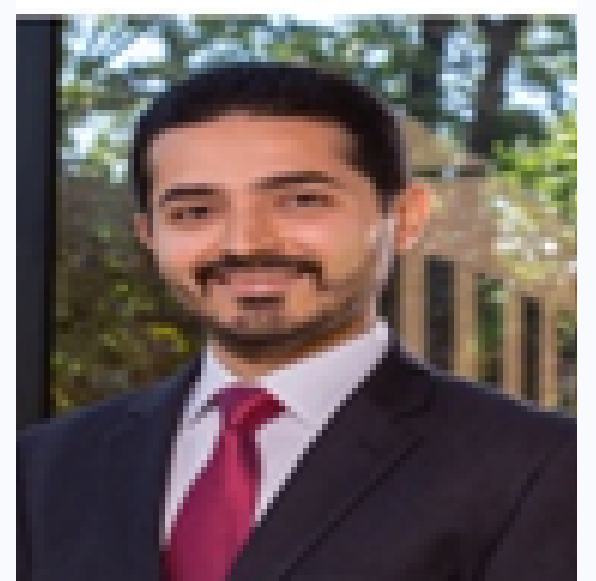
Engineered Drug-Eluting Microfibers for Controlled Delivery In Topical Applications

Shih-Feng Chou, PhD



Serving East-Texas Rural Transportation Needs

Mena Souliman, PhD



Crop-FIT: Technology to Support Integrated Wearable Fitness Trackers for Plants

Shawana Tabassum, PhD



College of Engineering

The University of Texas at Tyler

10 Minutes Break

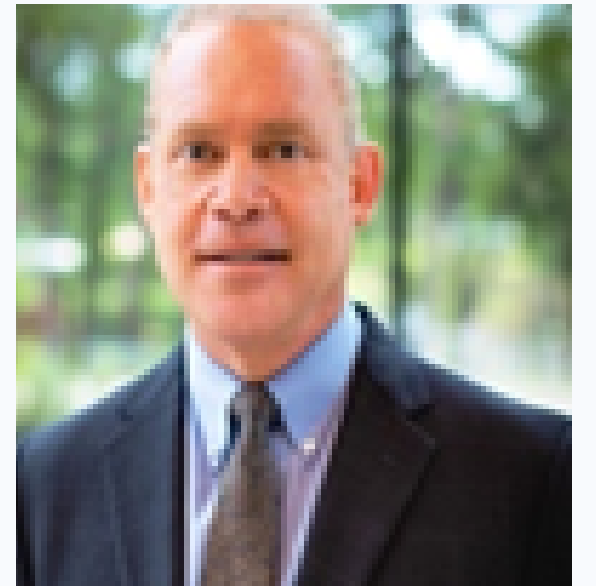
02:10-02:40 PM - Panel Presentation

Research, Innovation, Entrepreneurship in the Business World

Federal Funding Opportunities for Entrepreneurship in East Texas, **Kerri Camp, PhD**,
College of Business, UT Tyler



Entrepreneurship and Technology Commercialization Innovations in East Texas, **Jeff Howlett**, Executive Director East Texas Entrepreneurship Center, UT Tyler



Enabling the Next Generation's New Ventures, **Paul Nichols, Ph.D.**, Executive Director,
Institute for Innovation and Entrepreneurship, UT Dallas



02:40-03:10 PM - Panel Presentation

Research, Innovation, Entrepreneurship in Pharmaceutical Sciences

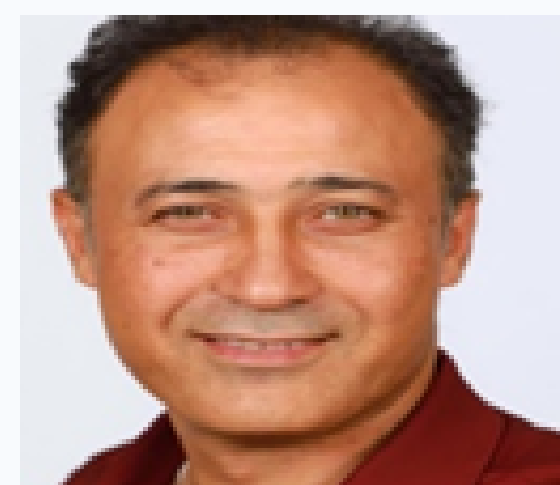
Recent Advances In Nanomedicine And Its Applications In Diagnosis And Therapy,
Santosh Aryal, PhD



Viral Transport Through the Nuclear Pore, **Joe Glavy, PhD.**



Cannabidiol (CBD) Use in East Texas and Product Analysis, **Ayman Hamoudas, PhD.,**
and Brittany L. Parmentier, PharmD
Department of Pharmaceutical Sciences
and Health Outcomes
Fisch College of Pharmacy



03:10-PM - Closing Comments

Steven Idell, MD, PhD

Senior Vice President of Research, Temple Chair of Pulmonary Fibrosis, and Professor of
Medicine

The University of Texas at Tyler

