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Update from Dr. Penny Riggs, CPI Chair

August CPI News – For the August 8 General CPI meeting, we welcomed Dr. Mark Barteau, Texas A&M University Vice President for Research back again. We also welcomed the Texas A&M Faculty Ombuds Officer, Dr. George Welch, as well as the Mass Spectrometry Collaborative Core Convener, Dr. François Gabbaï and new Faculty Fellow, Dr. Jamie Grunlan to talk about the iLabs and Core Facilities.

Thank you to all the CPI representatives who have served as representatives for PIs during the past year. I appreciate your time and dedication in serving on the Council. In particular, I want to thank Drs. Fuller Bazer, Daniel Jiménez, Julian Hurdle, Jeff Liew, Micky Eubanks, Marty Dickman, Fugen Dou, and Loren Skow for their service as they complete their terms as representatives.

CPI Contacts – The complete 2018-19 roster of CPI Representatives and the executive committee (pending ratification) for can be found on the CPI website at http://cpi.tamu.edu/membership/18-19_membership. Previous membership lists can be found in the council archive.

All PIs are encouraged to communicate with their representatives to bring forward items of concern or interest for the research community. Please continue to bring research-related issues (and solutions) to my attention at CPI@tamu.edu. Beginning September 1, Dr. David Threadgill, dwthreadgill@tamu.edu will begin his term as CPI chair.

Reminder: The next general CPI meeting will be Wednesday, September 12, 2018, Rudder 601. Contact Rebecca Luckey, rluckey@tamu.edu or 979.862.9166, for more information or to suggest agenda items for our monthly meetings.

Sigma Xi Fall Semester Welcome Reception and Awards Ceremony

The Texas A&M chapter of Sigma Xi, The Scientific Research Honor Society will host a welcome reception at the University Club on the 11th Floor of Rudder Tower, on Wednesday, September 5, at 4 pm. Join us to honor the 2018 Distinguished Scientist, Outstanding Science Communicator, and national award recipients. We will inaugurate new members and enjoy visiting with colleagues to kick off the year. Members and any researchers interested in Sigma Xi are welcome to attend. For more information, contact Dana Gaddy at dgaddy@cvm.tamu.edu

Clinical Science & Translational Research Grand Rounds

The Clinical Science and Translational Research Grand Rounds will host Julian Hurdle, Ph.D., Tuesday, September 4th, 12:00-1:15pm on the topic “Antibiotic Resistance Thwarts Management of Clostridium difficile Infection in Patients and Requires New Treatments.” See attached flyer for more details and video conferencing locations.

Microscopy and Imaging Center Workshop

The Microscopy and Imaging Center, in collaboration with Leica Microsystems, is hosting a workshop in sample preparation for Electron Microscopy. http://microscopy.tamu.edu/whats-new

High Pressure Freezing with Light and Electrical Stimulation using the EM ICE

- **Tuesday, September 11, 2018** 9am-11:30am ILSB 1143 (presentation), 1PM-4pm practical demonstration, ILSB 1127
- **Wednesday September 12, 2018** ILSB Rm. 1127 - sample preparation

High pressure freezing captures the intricate changes in fine structure or cellular dynamics and is the gold standard in biological sample preparation for TEM. The EM AFS2 freeze substitution apparatus with automatic FSP fluid handler, and the Leica EM UC7 ultramicrotome with the FC7...
cryo-chamber will be also presented. Attendees have an opportunity to bring their own samples for HPF/FS processing and resin embedding. The workshop is presented by Leica EM sample preparation specialist Dr. Nancy Rizzo.

- [http://microscopy.tamu.edu/whats-new](http://microscopy.tamu.edu/whats-new)

**MIC Open House, Friday, October 5, 2018**
Presentation and practical demonstration of sample preparation and imaging instruments, including Leica SP8 confocal/STED superresolution/FLIM imaging system and a BL-2 imaging laboratory
Seminars: cryo-Electron Microscopy (Dr. Aninido Sen), Optical Microscopy (Dr. Stanislav Vitha).

**Confocal Microscopy workshop, Friday, October 12, 2018**
Theory and hands-on practical demonstration of confocal microscopes, including the new Leica SP8 system.

**Postdoctoral Research Symposium – September 19, 2018**
Reminder to attend the 3rd Annual Texas A&M University Postdoctoral Research Symposium. This event will highlight research conducted by postdoctoral researchers at Texas A&M and will feature keynote speaker, flash talks, and poster presentations. The event will conclude with an awards ceremony. Please refer to attached flyer for further details.

**GWSW Write Winning NIH and NSF Grant Proposals Seminar**
A professional development seminar for Texas A&M PI-eligible researchers, research staff, and administrators. Faculty planning to submit an NSF CAREER proposal should contact Dr. Jim Izat at jizat@tamu.edu before registering for this workshop. TAMU has a specialized program for junior faculty submitting CAREER proposals. Please refer to the attached flyer for further details.

**2018 Inaugural Mass Spec Symposium – October 5, 2018**
Following a Chancellor’s Research Initiative award in 2016, Texas A&M University established a campus-wide Mass Spectrometry collaborative core facility. To mark the establishment of this core facility, we are pleased to announce "Ions at Work: A Symposium Introducing TAMU’s Mass Spectrometry Core" which will take place on Friday, October 5, 2018 in the Mitchell Physics Building, Hawking Auditorium. This event will consist of research talks and poster presentations highlighting mass spectrometry at Texas A&M University. For additional information, see attached flyer to the back of this newsletter or visit the website at [http://mass-spec.tamu.edu/inaugural_symposium](http://mass-spec.tamu.edu/inaugural_symposium) for further details.

**NIAID Policy Will Limit Numbers of Trainees on T32 and T35 Training Grants**
Beginning in FY2019, NIAID will limit the total number of predoctoral and/or postdoctoral trainee slots to 10 trainees per T32 or T35 training grant. More information can be found in NOT-AI-18-044. [https://grants.nih.gov/grants/guide/notice-files/NOT-AI-18-044.html](https://grants.nih.gov/grants/guide/notice-files/NOT-AI-18-044.html)

**NIH Next Generation Researchers Policy Update**
NIH will no longer use an Early Established Investigator (EEI) flag in application and review systems as described in NOT-OD-10-101. NIH remains committed, however, to prioritizing funding for Early Stage Investigators (ESI). The Advisory Council to the NIH Director (ACD) Next Generation Working Group will be developing an interim strategy to consider investigators who receive meritorious scores but would be left without any significant source of research funding if their grant is not awarded. NIH will continue to

**Export Controls Update**

University Rule 15.02.99.M1, Export Controls was recently updated. Revisions include an update to definitions as a result of changes in federal regulations, reorganization to focus on responsibilities, reference to the export control program manual, and clarification of overlapping export control responsibilities with other system members. *An annotated copy is attached for your review.*

**Sign Up for Notifications about Limited Submission Proposal Opportunities**

The list of current Limited Submission Proposal (LSP) opportunities, maintained by the Division of Research, is available at [https://u.tamu.edu/LSP](https://u.tamu.edu/LSP). To receive notifications about new LSP opportunities as soon as they are announced, email Ms. Shelly Martin at shelly.martin@tamu.edu.

**Bulletin for Principal Investigators**

The Division of Research at Texas A&M University issues a brief weekly bulletin for Principal Investigators. The bulletin accepts news items about researchers and their teams from the colleges, schools, campuses and agencies within the Texas A&M research enterprise, including honors, funding, publications, presentations, and appearances in news media. [Click here](https://u.tamu.edu/) to subscribe or unsubscribe to the bulletin.
“Antibiotic Resistance Thwarts Management of Clostridium difficile Infection in Patients and Requires New Treatments”

Julian Hurdle, Ph.D.
Associate Professor, Center for Infectious and Inflammatory Diseases
Institute of Biosciences and Technology
Texas A&M University

Tuesday, September 4, 2018, 12:00 p.m. – 1:15 p.m.*
HPEB-LL38, Bryan

Video Conferencing Locations:
COD-612, Dallas
ALKB-1114F, Houston
COP-243, Kingsville
Obanion-330AH, Prairie View
HSCRR-N401, Round Rock
MEC-213, Temple
MRB-142, Temple
De-Tar Classroom, Victoria
Houston Methodist Research Institute, R2-212

OBJECTIVES: Upon completion of this activity, the participant should be able to 1) Define Clostridium difficile infection (CDI) and role of antibiotics in dysbiosis; 2) Discuss how evolution of metronidazole resistance has impacted treatment outcomes; and 3) Compare and contrast traditional, newer and emerging treatment approaches for CDI, and relevance of microbiota protection.

ACCREDITATION: Texas A&M University College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Texas A&M University College of Medicine designates this live activity for a maximum of 1 AMA PRA Category 1 Credit™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURE: Dr. Hurdle has disclosed he does not have a financial interest or affiliation with any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients.

PLANNERS DISCLOSURES: The planners do not have a financial interest or affiliation with any entity producing, marketing, re-selling, or distributing health care goods

*Medical and graduate students are invited to “Meet the Professor” immediately following Grand Rounds.

Next Grand Rounds: October 2, 2018 – Israel Liberzon, MD; Professor and Department Head, Psychiatry, Texas A&M College of Medicine

This event will be recorded and available at http://cstrinstitute.tamhsc.edu.
CME credit given ONLY for attendance at live presentation and excludes the “Meet the Professor” event.

** To claim CME credit, create a profile, register for the event, and submit an evaluation online at medicine-tamhsc.truenorthlogic.com.**

Medical students claiming course credit should complete the evaluation form at https://tamuhsc.co1.qualtrics.com/jfe/form/SV_eVdV5cjaHkOULj.

Lunch provided at Bryan location only. For further information, email CSTR@medicine.tamhsc.edu or call (713) 677-8100.
3RD ANNUAL TEXAS A&M UNIVERSITY
POSTDOCTORAL RESEARCH SYMPOSIUM

WEDNESDAY, SEPTEMBER 19, 2018
12:00 - 6:00 PM
THOMAS G. HILDEBRAND, DVM '56
EQUINE COMPLEX

KEYNOTE SPEAKER
ALAINA G. LEVINE
AUTHOR, NETWORKING FOR NERDS
PRESIDENT, QUANTUM SUCCESS SOLUTIONS

CLICK HERE TO SUBMIT AN ABSTRACT & REGISTER TODAY!

ABSTRACTS DUE: AUG. 29
REGISTRATION ENDS: SEPT. 3

CONTACT: SHANNON EYRE
SEYRE@TAMU.EDU

ATM | DIVISION OF RESEARCH
TEXAS A&M UNIVERSITY
Write Winning NIH and NSF Grant Proposals Seminar

A seminar for principal investigators submitting NIH and NSF grant proposals.

September 26-27, 2018

9/26 – 2400 Memorial Student Center
9/27 – 601 Rudder Tower
Texas A&M University Campus

No fee to attend.
Registrants may attend any or all sessions.
Registration is required for each session you plan to attend.

A professional development seminar for Texas A&M PI-eligible researchers, research staff, and administrators. Faculty planning to submit an NSF CAREER proposal should contact Dr. Jim Izat at jizat@tamu.edu before registering for this workshop. TAMU has a specialized program for jr. faculty submitting CAREER proposals.

Every attendee will receive a free copy of The Grant Application Writer’s Workbook, NIH or NSF Version.

Limited seating may be available for post-doctoral researchers. See https://u.tamu.edu/GWSW2017Sem for details. Not open to undergraduate or graduate students.

Attendance to this seminar for PI eligible to apply for the program in Spring 2019:

2019 NIH and NSF Grant Proposal Writing Program!

Register at researchdevelopment-registrations

Registration Deadline: September 20, 2018

Seminar Leader: Dr. John D. Robertson
Grant Writers’ Seminars and Workshops, LLC

September 26, 8:00-12:00
2400 Memorial Student Center
All PIs
Core: Principles, Funding Priorities, and Preparation of Overview and Executive Summary

September 26, 1:00-4:30
2400 Memorial Student Center
PIs Targeting National Institutes of Health (NIH)
NIH: Rest of the Proposal

September 27, 8:00-12:00
601 Rudder Tower
PIs Targeting National Science Foundation (NSF)
NSF: Rest of the Proposal

NOTE: This seminar is not designed for NSF CAREER applicants. See information about NSF CAREER Academy events at https://u.tamu.edu/JFPWA.

Contact

Research Development Services
https://u.tamu.edu/rds
Division of Research
Texas A&M University
Shannon Eyre (seyre@tamu.edu)
Jim Izat, Ph.D. (jizat@tamu.edu)
Christina Papke, Ph.D. (cpapke@tamu.edu)

TAMU has a specialized program for jr. faculty submitting CAREER proposals.
TEXAS A&M UNIVERSITY’S MASS SPECTROMETRY CORE FACILITY
IONS @ WORK SYMPOSIUM

FRIDAY, OCTOBER 5, 2018
Texas A&M University | Mitchell Institute | Hawking Auditorium

9:15 am - 5:00 pm

A symposium celebrating the establishment of a campus-wide mass spectrometry collaborative core facility composed of three sections: applied, chemistry and biochemistry, and isotope analysis, along with 10 individual laboratories.

FEATURING
John M. Eiler | Robert P. Sharp Professor of Geology and Geochemistry, Caltech
Christopher M. Reddy | Senior Scientist, Woods Hole Oceanographic Institution
Dame Carol V. Robinson | Dr. Lee’s Professor of Chemistry, University of Oxford

for additional information visit: http://mass-spec.tamu.edu/inaugural_symposium/
UNIVERSITY RULE

15.02.99.M1 Export Controls
Approved May 20, 2011
Revised August 13, 2018
Next scheduled review: August 13, 2023

Rule Statement

It is the policy of Texas A&M University to comply with United States export control laws and regulations including, without limitation, those implemented by the Department of Commerce through its Export Administration Regulations (EAR) and the Department of State through its International Traffic in Arms Regulations (ITAR), as well as those imposed by the Treasury Department through its Office of Foreign Assets Control (OFAC).

Reason for Rule

Texas A&M University has an obligation to implement an export control compliance program to reduce the risk of export control violations. All employees and students must be aware of and are responsible for the export control implications of their work and must ensure that their activities conform to export control laws and regulations. There are severe institutional and individual sanctions for violations of export control laws and regulations, including the loss of research funding, loss of export privileges as well as criminal and civil penalties.

Definitions

Each of the following terms used in this Rule is defined in System Policy 15.02 – Export Controls (Definitions):

- Controlled Information
- Controlled Physical Items
- Foreign Person

Other terms used in this Rule have the meanings set forth below:

- Deemed Export – has the meaning set forth in 15 C.F.R 734.13 of the EAR, and 22 C.F.R 120.17 of the ITAR. Under the EAR, any release in the United States of technology to a Foreign Person is “deemed” to be an export to the Foreign Person’s most recent country of
citizenship or permanent residency, and under the ITAR any release in the United States of technical data to a Foreign Person is “deemed” to be an export to all countries in which the Foreign Person has held or holds citizenship or holds permanent residency.

- **Export** – has the meaning set forth in 22 C.F.R. 120.17 and 15 C.F.R. 734.13.

- **Empowered Official** – The Empowered Official is defined in 22 C.F.R. § 120.25. The Empowered Official has independent authority to: (i) inquire into any aspect of a proposed export or temporary import by the University; (ii) verify the legality of the transaction and the accuracy of the information to be submitted; and (iii) refuse to sign any license application or other request for approval without prejudice or other adverse recourse.

- **Release** – has the meaning set forth in 15 C.F.R 734.15 of the EAR and 22 C.F.R. 120.50 of the ITAR. Under the EAR, technology is “released” through visual or other inspection by a Foreign Person that reveals technology subject to the EAR to a Foreign Person in the United States or abroad. Technical data is “released” through visual or other inspection by Foreign Persons of a defense article that reveals technical data to a Foreign Person; or via oral or written exchanges with the Foreign Person of technical data in the United States or abroad.

- **University Resources** – University personnel, and use of funds, space, equipment/hardware and facilities, which are administered by the University.

**Official Rule / Responsibilities / Process**

1. **GENERAL**

Encouraging research and intellectual inquiry is a vital goal of Texas A&M University. Texas A&M University supports open research and the free interchange of information among scholars. The University also recognizes that the United States has enacted laws and regulations restricting the transmission of Controlled Information and Controlled Physical Items for the purpose of protecting national, economic, security, and foreign policy interests. These federal export control laws and regulations establish the conditions under which Controlled Information and Controlled Physical Items can be transmitted to anyone outside the United States and to Foreign Persons in the United States. In addition, the export control laws and regulations restrict or prohibit the transaction of business with certain countries, persons and entities that have been sanctioned by federal agencies as a threat to important U.S. interests.

1.1 This Rule applies to all University employees, students, and visitors whose research, scholarship, or job responsibilities involve the use of University resources. To the extent there are overlapping export control compliance obligations with other System members, such as when University faculty, researchers, students or exchange visitors are performing under grants or contracts awarded to AgriLife Research and TEES, all System members should coordinate with the applicable Export Controls Office(s).
1.2 It is important to keep in mind that export control laws are broad and have implications for a host of University operations. Export control restrictions are based upon: specific commodities, technologies, and services; end-users; and governments. Thus, export controls may apply to a wide range of University activities including: research and innovation; international programs, agreements, exchanges, and travel; procurement; information technology and services; human resources; and shipping.

1.3 Additionally, export control restrictions apply to the Release of Controlled Information and data, technologies, and commodities to Foreign Persons located within the United States.

2. GENERAL RESPONSIBILITIES

2.1 All University employees and students, visiting scientists, postdoctoral fellows, and other persons retained by or working at or for the University must conduct their affairs in accordance with United States export control laws and regulations and bear primary responsibility for complying with export controls in the conduct of research and other activities in which they participate. Any required export license and/or approval must be obtained before exporting anything deemed export controlled.

2.2 University employees must be familiar with the United States export control laws and regulations, including important exclusions and exemptions, as they relate to their responsibilities. Depending upon the nature of their activities and/or job functions, University employees may be required to participate in formal training as determined by the University’s Empowered Official(s), the Export Controls Office, and/or the employees’ supervisors.

2.3 University employees with managerial or supervisory authority over Foreign Persons or projects involving Controlled Information or Controlled Physical Items are required to complete export control training at least once every two years.

3. MANAGERS AND SUPERVISORS

3.1 All University employees with managerial or supervisory authority over Foreign Persons or projects involving Controlled Information or Controlled Physical Items should view export control compliance as an important part of their day-to-day responsibilities.

3.2 Academic deans, directors, department and unit heads have responsibility for overseeing export control compliance in their respective colleges, departments, units, centers, or institutes and supporting the Export Controls Office in implementing procedures for export control compliance.

3.3 In addition, vice presidents, directors and heads of other offices or units have responsibility for overseeing export control compliance in their units and supporting the Export Controls Office in implementing procedures, for export control compliance. These other offices include, but are not limited to, Sponsored Research Services, Technology Commercialization Office, Contract
Administration, Purchasing, Financial Management Operations, Immigration Services for Faculty & Scholars, and Study Abroad Office.

4. PRINCIPAL INVESTIGATORS

4.1 Principal Investigators have expert knowledge of the type of information and technology involved in their research or other University activity such as presenting at conferences and discussing research findings with collaborators. In addition to the responsibilities outlined above, Principal Investigators are responsible for ensuring that their activities conform to export control laws and regulations and that they do not Release Controlled Items or Information or provide export controlled services to a Foreign Person without prior authorization as required; determining if their research is controlled; and documenting adherence to U.S. export controls requirements. Whenever University faculty, researchers, students or exchange visitors are performing under grants or contracts awarded to AgriLife Research and TEES, the University, TEES and AgriLife Research will coordinate their efforts to enhance and appropriately manage research compliance consistent with System Policy 15.01.

5. EMPOWERED OFFICIAL

5.1 The Vice President for Research (in addition to other designees who may be appointed by the Vice President for Research) is the University’s “Empowered Official” for all purposes relating to applicable federal export control laws and regulations. The Empowered Official(s) is responsible for license applications and other approvals required for compliance with export control laws and regulations, and serves as the University’s representative and point of contact with such agencies. The Empowered Official(s) is the University official authorized to sign license applications and other authorizations required by export control laws and regulations on behalf of the University and to bind the University in any proceedings before government agencies with export control responsibilities. To the extent there are overlapping export control compliance obligations with other System members, such as when University faculty, researchers, students or exchange visitors are performing under grants or contracts awarded to AgriLife Research and TEES, the Empowered Official, or designee, will coordinate with the applicable member’s Empowered Official, or designee.

5.2 The Vice President for Research is the authorized University official responsible for oversight of the University’s Export Control Compliance Program. Export license applications, voluntary self-disclosures, and any request to a federal agency regarding export controls must be authorized by the Vice President for Research or his/her designee. To the extent there are overlapping export control compliance obligations with other System members, such as when University faculty, researchers, students or exchange visitors are performing under grants or contracts awarded to AgriLife Research and TEES, all System members should coordinate with the applicable Export Controls Office(s). This includes but is not limited to coordination regarding investigations of potential violations, export license applications, voluntary self-disclosure and requests to federal agencies.

6. EXPORT CONTROL COMPLIANCE PROGRAM
6.1 The Export Control Compliance Program Manual (“Manual”) serves as the University’s guiding framework to assure University compliance with federal export control laws and regulations, including the International Traffic in Arms Regulations (“ITAR”), Export Administration Regulations (“EAR”), and Office of Foreign Assets Control (“OFAC”). This Manual lays out the responsibilities, procedures, and controls for properly managing export control compliance for the University and its employees. The current version of the Manual can be accessed at https://vpr.tamu.edu/resources/export-controls/export-control-manual/view.

6.2 The Export Controls Office reports to the Vice President for Research, or designee, and has the authority and the responsibility for working with other University offices to implement the procedures set forth in the Export Control Compliance Program Manual.

7. POSSIBLE VIOLATIONS

7.1 Each University employee has the responsibility to report possible violations of United States export control laws or regulations. Suspected violations should be reported to the Export Controls Office, together with the details of the suspected violation at exportcontrols@tamu.edu or (979) 862-6419; or via the https://secure.ethicspoint.com/domain/media/en/gui/20488/index.html. Possible violations of United States export control laws or regulations will be investigated, to the extent necessary, by the Export Controls Office or designee.

7.2 In accordance with System policies and regulations, and University rules and procedures, the Vice President for Research is authorized to suspend or terminate a research, teaching, testing, or other activity if the Vice President for Research, or designee, determines that the activity is not in compliance or will lead to noncompliance with export control laws and regulations.

7.3 The Vice President for Research, or designee, may determine whether notification to an appropriate government agency is required.

8. DISCIPLINARY ACTIONS

8.1 There are severe institutional and individual sanctions for violations of export controls laws, including the loss of research funding, loss of export privileges, as well as civil and criminal penalties including imprisonment. Additionally, employees and students may be subject to disciplinary action up to and including termination or expulsion per University rules and procedures and System policies and regulations.

Related Statutes, Policies, or Requirements

International Traffic in Arms Regulations (ITAR) 22 C.F.R. §§ 120-130

Export Administration Regulations (EAR) 15 C.F.R. §§ 700-799
Office of Foreign Assets Control (OFAC) 31 C.F.R. §§ 500-599


**System Policy 15.02, Export Controls**

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**Contact Office**

Division of Research  
Export Controls Office  
(979) 862-6419