Research Compliance and Alignment

Robert Fyffe PhD
Vice President for Research and Dean of the Graduate School

October 12, 2015; Faculty Senate
Research Compliance
Research Compliance

Vice President for Research
Robert Fyffe

General Counsel
TBN

Technology Transfer Office

Associate Vice President/FSO
Ellen Reinsch Friese

Director, Research Compliance
Matt Grushon

Research and Sponsored Programs
- Grants and Contracts

Regulatory Committees
- IRB
- IACUC
- Biosafety

Financial Conflict of Interest
Outside Interest Committee

HIPAA Compliance Officer

Export Compliance Officer

Responsible Conduct of Research
Research and Research Compliance Alignment

VICE PRESIDENT FOR RESEARCH
Robert E.W. Fyffe

Assistant to VPR
Kathleen Friedman

RSP BFO
Toni Waichner

ASSOCIATE VICE PRESIDENT for RESEARCH
Ellen Reinsch Friese
(Facility Security Officer)

DIRECTOR
PRE-AWARD
Jackie Frederick
- Cheryl Nickson
- Deborah Lundin
- Jan Power
- Sheila Bensman
- Adam Moeller

DIRECTOR
POST-AWARD
Glen Jones
- Kim Owens
- Gene Florkey
- Elaine Davis
- Chris Spohn

DIRECTOR
RESEARCH COMPLIANCE OFFICE
Matt Grushon
- IRB
  - Robyn Wilks
- IRB
  - Jodi Blackidge
- IACUC and IBC
  - Mandy Karper

DIRECTOR
TECHNOLOGY TRANSFER
Elena Wang
- TBN
  - Meghan Sheehan

DIRECTOR
RESEARCH DEVELOPMENT
Dr Jason Parker
- TBN
  - NEC Support

DIRECTOR
COMMERCE COMMERCIALIZATION (WSR/WSRAC)
Hugh Bolton
- EXECUTIVE DIRECTOR
  - WSRI
  - Dennis Andersh

*Search Committees include Faculty

= new position  
= new reporting line or role
WSU – WSRI – WSARC Research Alignment
Executive Advisory Board (EAB)

- Provost (Chair)
- Executive Director, WSRI (ex officio)
- VP Business & Finance/WSU CFO
- Director of Research and Development
- Chief Science Officer, WSRI
- Director, CTRA
- Faculty Representatives (TBN)
- Director, WSARC Commercialization
- Director, WSARC Operational Support & Shared Services
- WSU General Counsel

Roles

- Compliance with Affiliation Agreement
- Scientific direction and strategy
- Faculty Engagement Team
  - College and faculty meetings
  - Project teams and leaders
  - Fiscal Performance Review
Other Faculty Opportunities
Construct for Ohio Centric Center of Excellence (COE) Federal Research Network (FRN)

Air Force Research Laboratory (AFRL) Priorities
- Human Performance/Health Care
- Hypersonics
- Directed Energy Weapons (Lasers)
- Autonomy
- C4ISR
- LVC
- Materials/Manufacturing
- Propulsion

NASA Glenn Research Center (GRC) Priorities
- Hybrid Electric Power and Propulsion
- Advanced Communications
- Solar Electric Power and Propulsion
- Energy Storage (Enabler for others)
- Materials and Manufacturing

Executive Review Board
3 WP and GRC Reps (Ex Officio)
1 OFMJC Commissioner
1 JobsOhio Rep
1 Third Frontier Exec
4 Private Industry
4 University (1 StateSupported, 3 State Funded)
Rotates every 2 years.

Technical Review Council
3 WP and GRC Reps (Ex Officio)
4 Rotating VP of Research or Deans of Engineering at Ohio Universities
4 Private Industry CTO or Dir of Engineering
1 Third Frontier Rep
Rotates every two years.

Human Performance and Human Sciences COE
WSU
(Dr Tim Broderick / Dr Chad Reiter)

Power and Propulsion COE
Ohio State University
(Dr. Mike Benzakein)

Materials and Adv Manufacturing COE
University of Dayton
(Dr. John Leland)

Advanced Communications, COE
Ohio University
(Mr. Trent Skidmore
Dr. Shaw n Ostermann)

C4ISR and Data Analytics COE
WSU/OSU
(Dr Brian Rigling / Dr Greg Creech)

Energy Storage and Integration COE
Case Western Reserve U.
(Dr. Alexis Abramson)

Commercialization and Workforce Development Support
(Dr. Jerzy Saw icki(CSU)
Ms. Tracy Green(LCCC))

National Air and Space Intelligence Center (NASIC) Priorities
- Cyber
- Data analytics
- C4ISR
- Modeling/Simulation/Analysis
- Hypersonics
- Directed Energy

Naval Medical Research Unit (NAMRU) Priorities
- Human performance
- Human physiology
- Manned / unmanned aeromedical ops
- Toxicology
- Risk assessment

State of Ohio
Wright State University
Applied Research Corporation
Recent Collaborative Projects and Contracts

- **Wins**
  - AFRL/RYA: $14M, SIRCUS, **Awarded** (Rigling) RSP
  - DARPA BTO: $356.4k, HAPTIX **Awarded** (Elbasiouny) WSARC
  - DARPA STO: $1.7M, Target recognition and Adoption in Contested Environments (TRACE) **Awarded** (Rigling) RSP
  - ONR: $750K, Lapses of Attention Predicted in Semi-structured Ecological Settings (LAPSES), Awarded (Minnery, with Profs. Assaf Harel & Ion Juvina) RSP
  - ONR: $500K, Cognitive Modeling **Won** (Minnery) RSP
  - CTRA Funding for Oncology Research **in Negotiation** (Fyffe, Pickoff/Wysong/Freidman) RSP/WSU Foundation
  - CTRA Pharmaceutical Companies: 13 New Clinical Trials in CY 2015 **awarded** (CTRA Team / multiple Physician PIs) RSP
  - CTRA Premier Health: $800K, CTRA Infrastructure, **Awarded** (Wysong) RSP
  - CTRA Premier Health: $650K, MVH Clinical Research Support, **Awarded** (Wysong / Burnside) RSP
  - CTRA Premier Health: $150K, Healthcare Analytics and Big Data, **Awarded** (Wysong) RSP
  - AFRL/RH $200K Ball HIRT contract **In negotiations** (Elbasiouny) WSARC
  - NSF: $175k, Intelligent Agent Incident Command System Augmentation, **Awarded** (Ganapathy, NCMR-Gruenberg) RSP
Recent Collaborative Projects and Contracts

Ongoing Proposals

• AFRL/RH: $2.5M, New LVC contract; Ganapathy. Submitted. (Norell) WSARC
• AFRL/RY: $1M, Applications in Computational and Experimental Electromagnetics; Petke, Saville, Nerbass. White Paper Submitted (Norell) WSARC
• ONR: $7.5M, MURI - The Role of Epigenetics in Human Performance; Broderick, Kadakia, Raymer. White Paper Selected (Broderick) BSOM
• AFRL/RY: $42.5M, MOAST; Awaiting BAA release, in Pursuit, (Morrow) WSARC
• ARO/ARL: $420K, Maximizing the Collective Intelligence of a Network Using Novel Measures of Socio-Cognitive Diversity; Sheth, Shalin. Proposal in Progress (Minnery) RSP
• Pharmaceutical Companies: Selected as a Site for 8 new studies that will start in CY2015 (CTRA Team) RSP
• CTRA Actively managed pipeline of 179 clinical trial opportunities in 25 therapeutic areas (Friedman) RSP
• CTRA Children’s Medical Center proposal to join the CTRA (Pickoff, Friedman, Wysong) RSP
• CTRA Dayton VA clinical trials collaboration (Pickoff) RSP
• CTRA WPAFB clinical trials collaboration (Friedman / Carstens) RSP
• CTRA UC clinical trials collaboration (Friedman) RSP
• OFRN: $1.47M, Platform for Functional Optical Imaging and tDCS; Sunar. White Paper Submitted (Miller) WSARC
• OFRN: $1.18M, Improving Healthcare Training and Decision Making through LVC; Ganapathy. White Paper Submitted (Miller) WSARC
• OFRN: $1.21M, Collaborative Micro-robot Teams in Constrained Worlds; Bourbakis. White Paper Submitted (Miller) WSARC
• OFRN: $800K, Multispectral Aperture Sensor Common Testbed for Sensing (MASCOTS); Rigling. White Paper Submitted (Morrow) WSARC
• OFRN: $1.5M, Collaborative C4ISR Center; Rigling. White Paper Submitted (Morrow) WSARC

Not funded but now pursuing Seedling Programs

• DARPA BTO: $15.9M, Electric-Rx; Kadakia, Raymer, Cool, Boivin. Proposal Submitted (Reiter/Broderick) WSARC. LOST, working a seedling at DARPA.
• DARPA I2O: $6.1M, CwC Proposal; Ganapathy. Submitted (Cox/Minnery) RSP. LOST, working a seedling at DARPA.
  – ONR: $6.25M, MURI - Dynamic Representational Networks as Neural Signatures of Expertise; Harel. White paper submitted. (Minnery). not invited to submit full proposal, working seedling at DARPA, IARPA.