



TEXAS TECH UNIVERSITY
National Wind Institute™

NWI External Advisory Board (EAB) Meeting

Agenda

Date: Thursday, November 2, 2017
Location: TTU Research Park
Invitees: EAB members
IAB members
NWI faculty affiliates

7:30am Shuttle Pickup from Overton Hotel

7:45-8:00am Sign-in, Breakfast

8:00-8:30am EAB Small Groups

8:30-9:15am Presentation from EAB on the future of wind research and education: trends, opportunities, and winning strategies

9:15-9:45am Welcome

Comments by University Administration

- [Dr. Lawrence Schovanec](#), President (5 minutes)
- [Dr. Michael Galyean](#), Provost & Senior Vice President (5 minutes)
- [Dr. W. Brent Lindquist](#), Dean of the College of Arts & Sciences (10 minutes)
- [Dr. Al Sacco Jr.](#), Dean of the Whitacre College of Engineering (10 minutes)

9:45-9:55am TTU Research Agenda

Presenter: [Dr. Joseph A. Heppert](#), Vice President for Research

9:55-10:00am Quick Break (if needed)

10:00-10:30am Education Programs: BSWE and PhD

Presenter: [Andrew Swift, Sc.D.](#) – *Associate Director of Education of the National Wind Institute*

Presenter: [Kishor Mehta, Ph.D., P.E.](#) – *Horn Professor of Department of Civil, Environmental, and Construction Engineering*

10:30-10:45am Coffee Break

10:45-12:00pm The State of the Institute (presentation previously provided)

Presenter: [Daan Liang, Ph. D.](#) – *Professor and Interim Director of NWI*



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12:00-1:00pm Lunch Catered by Honey Child

1:00-1:45pm Historical Perspectives Shared by Past Directors

Presenter: [Andrew Swift, Sc.D.](#) – Associate Director of Education NWI; [John Schroeder, Ph.D.](#) – Professor, Atmospheric Science

1:45-3:00pm Concurrent Breakout Sessions: TTU Strategic Priorities

- Increase external research funding, publications and citations, and doctorate degrees awarded
Moderator: Chris Weiss and Stephen Bayne
Invited Participants: VPR Joseph Heppert, Sr. Associate VPR Guy Loneragan, Dean of Graduate School Mark Sheridan, Associate Dean for Research John Zak, Associate Dean for Research Brandon Weeks, Doug Smith, Delong Zuo, Eric Bruning, Beibei Ren, Xinzhong Chen, Suhas Pol
EAB Lead: TBD
- Foster entrepreneurial endeavors among faculty, staff and students, and broadly across the community
Moderator: John Schroeder and Andy Swift
Invited Participants: Associate VPR Pat Delucia, ORC Managing Director David Snow, Hub Managing Director Kimberly Gramm, Brian Ancell, Larry Tanner, Kacey Marshall, Changzhi Li, Miao He, Anna Thomas
EAB Lead: TBD

3:00-3:15pm Coffee Break

3:15-4:15pm Preparation of EAB Report

4:15-4:45pm Briefing of EAB Report

Presenter: EAB Chair (to be elected)

4:45-5:00pm Wrap-up

6:15pm Pickup from Overton Hotel for Dinner

6:30pm Dinner

EAB members

TTU Administration (invitation only)



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Date: Friday, November 3, 2017
Location: TTU Facilities at Reese Technology Facility
Invitees: EAB members
IAB members
NWI faculty affiliates

8:30am Shuttle Pickup from Overton Hotel (Optional)

9:00-10:00am Tour of Reese Facilities (Optional)

Presenters:

Wes Burgett (West Texas Mesonet)
Dr. John Schroeder (X-band Radar)
Dr. Delong Zuo (VORTECH)
Larry Tanner (DIF)
Jeff Livingston (Field Site)
Dr. Stephen Bayne (Solar Array)
Dave Mitchell (SWIFT)

Appendix A: EAB Members

C. P. "Case" van Dam, D. Engr. (University of California-Davis)
David Minster, M.S. and M.S.S. (Sandia National Labs)
Brian Smith, M.S. (National Renewable Energy Laboratory)
Tim Reinhold, Ph.D. (Institute for Business and Home Safety)
Michael Young, M.S. (RMS)
Gregg Kopp, Ph.D. (University of Western Ontario)
Harold Brooks, Ph.D. (National Severe Storms Laboratory)
Tim Doggett, Ph.D. (Berkshire Hathaway Specialty Insurance)
Robert C. Myer (BP Wind Energy)

Appendix B: IAB Members

Dr. Joseph A. Heppert, Vice President for Research
Dr. Al Sacco Jr., Dean of the Edward E. Whitacre Jr. College of Engineering
Dr. W. Brent Lindquist, Dean of the College of Arts & Sciences
Dr. Chris Weiss, Associate Professor of Atmospheric Science
Dr. Doug Smith, Associate Professor of Civil, Environmental and Construction Engineering



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Appendix C: Additional Attendees

Dr. Lawrence Schovanec, President
Dr. Michael Galyean, Provost & Senior Vice President
Dr. Mark Sheridan, Dean of the Graduate School
Dr. Guy Loneragan, Senior Associate Vice President for Research
Dr. Pat Delucia, Associate Vice President for Research, Faculty Affairs
Dr. John Zak, Associate Dean for Research CA&S
Dr. Brandon Weeks, Associate Dean for Research WCOE
Dr. Daan Liang, Interim Director of NWI
Dr. Kishor Mehta, Horn Professor, NWI Faculty
Dr. Andy Swift, Associate Director of Education, NWI
Dr. Anna Thomas, Associate Managing Director, NWI
Kacey Marshall, M.A., Assistant Director of Student Services BSWE, NWI
Dr. Chris Pattison, Graduate Advisor & Faculty, NWI
Dr. Stephen Bayne, NWI Faculty
Dr. John Schroeder, NWI Faculty
Dr. Eric Bruning, NWI Faculty
Dr. Miao He, NWI Faculty
Dr. Brian Ancell, NWI Faculty
Dr. Delong Zuo, NWI Faculty
Dr. Beibei Ren, NWI Faculty
Dr. Suhas Pol, NWI Faculty
Dr. Xinzhong Chen, NWI Faculty
Dr. Changzi Li, NWI Faculty
Larry Tanner, Manager of DIF, NWI Faculty
Dr. David Snow, Senior Managing Director Office of Research Commercialization
Kimberly Gramm, MBA, Senior Managing Director Innovation Hub
Wes Burgett, West Texas Mesonet
Jeff Livingston, Senior Superintendent NWI
Dave Mitchell, SWiFT Site Supervisor, Sandia National Laboratories