

Leveraging Industry Partnerships in a Global Context for Student and Faculty Success

Thematic Forum sponsored by AIEA and North Carolina State University
March 21-22, 2016 in Talley Student Union, Piedmont Ballroom, NC State University

NC State is proud to be hosting a Thematic Forum in partnership with the Association of International Education Administrators (AIEA). The Thematic Forum allows leaders in international education to explore opportunities to enhance student success and faculty engagement through innovative partnerships with industry, nonprofits, and the private sector. NC State is uniquely positioned to offer the forum due to extensive partnerships in the Research Triangle area that allow new levels of global competitiveness and competence among students, faculty, and staff.

With resources for internationalization becoming more limited each year, industry partnerships open new opportunities for students and faculty to engage with businesses in a global context to prepare graduates for the world economy.

Forum Objectives:

1. Explore opportunities and challenges of industry partnerships in international education.
2. Learn about innovative examples and plan ways to connect students with industry in a meaningful global context.
3. Hear from successful international student entrepreneurs.
4. Learn about entrepreneurial industry connections relating to faculty excellence.



Leveraging Industry Partnerships in a Global Context for Student and Faculty Success

FEATURED SPEAKERS



Chancellor Randy Woodson, NC State University



E. Wayne Holden, President, RTI International



Bob Geolas, President & CEO, Research Triangle Foundation of North Carolina



Cindy Mah, Director of Global Scholarship Programs, Institute of International Education

REGISTER BY MARCH 7TH

March 21-22, 2016

**NC State University
Raleigh, NC**

This Forum allows International Education leaders to explore opportunities to enhance student success and faculty engagement through innovative partnerships with industry, nonprofits, and the private sector. NC State is uniquely positioned to offer the forum due to extensive partnerships in the Research Triangle area that allow new levels of global competitiveness and competence among students, faculty, and staff.

Details and Registration:

international.ncsu.edu/aiea-thematic-forum/

**NC STATE
UNIVERSITY**

AIEA Thematic Forum

Leveraging Industry Partnerships
in a Global Context for Student
and Faculty Success

Office of International Affairs

NC STATE
UNIVERSITY



March 21-22, 2016
Talley Student Center
Piedmont Ballroom

Website:
<https://international.ncsu.edu/aiea-thematic-forum/>

AIEA Forum Report

Overview

The AIEA Thematic Forum at NC State was designed to explore opportunities to enhance student success and faculty engagement through innovative partnerships with industry, nonprofits, and the private sector. NC State is uniquely positioned to offer the forum due to extensive partnerships in the Research Triangle area that allow new levels of global competitiveness and competence among students, faculty, and staff. With resources for internationalization becoming more limited each year, industry partnerships open new opportunities for students and faculty to engage with businesses in a global context to prepare graduates for the world economy.

Participation

70 Attendees from the Following Institutions:

- Association of International Education Administrators (AIEA)
- BMW Manufacturing
- Cambridge Education Group
- Cisco
- Clemson University
- Duke Kunshan University
- East Carolina University
- HQ Raleigh
- Indiana State University
- Institute of International Education
- Meredith College
- North Carolina Central University
- North Carolina Department of Transportation
- North Carolina State University
- Queens University of Charlotte
- QS Unisolution
- Research Triangle Foundation of North Carolina
- RTI International
- SAS
- Technology Partnership of Nagoya University
- University of Kentucky
- University of North Carolina
- UNC Center for International Understanding
- University of North Carolina at Greensboro
- University of North Carolina School of Law
- Virginia Commonwealth University
- VOR Solutions, LLC
- Ware Immigration

Introduction

NC State's Office of International Affairs hosted the AIEA Thematic Forum March 21-22, 2016 focused on industry-university partnerships. Leaders in international education and industry gathered from across the state of North Carolina and beyond to explore ways to leverage partnerships for students and faculty in a global context.

Keynote speakers included:

- Wayne Holden, President of RTI International
- Bob Geolas, President and CEO of the Research Triangle Foundation
- Cindy Mah, Director of Global Scholarship Programs at the Institute of International Education

Sessions included:

- Roundtable on student success
- Faculty excellence panel
- Workshop on international student entrepreneurship

The roundtable allowed participants to engage in small group discussions with facilitators from a variety of programs. The faculty excellence panel featured four expert panelists from NC State, Duke Global Health Institute and BMW Manufacturing. The panel members offered insights into best practices and challenges of industry-higher education partnerships. The workshop on international student entrepreneurship involved NC State's Director of International Services and an expert immigration attorney informing attendees on the work authorizations and pathways available to international students starting their own companies. Two student entrepreneurs were on-hand to share their personal stories and examples of how they started companies and created products in the U.S. on student visas.

In addition to the sessions focused on partnerships for student and faculty global engagement, participants toured NC State's award-winning Centennial Campus to witness firsthand the successful intersection of education, research, industry and government.

Forum Objectives

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3. Hear from successful international student entrepreneurs.
4. Learn about entrepreneurial industry connections relating to faculty excellence.

Schedule

Monday, March 21

11:00_a

Welcome & Thematic Forum Overview

– Chancellor Randy Woodson, NC State

– Vice Provost Bailian Li, NC State

– Wayne Holden, President, RTI International

Addressing Global Challenges through Collaboration

12:00_p

LUNCH - Ocracoke Suite

12:45_p

Trends & Topic Overview

– Cindy Mah, Director, Global Scholarship Programs,

Institute of International Education

1:00_p

1:00_p

Session 1 – Student Success Roundtable

This session focuses on partnerships that connect students with industry in a meaningful global context. Table facilitators will share innovative program examples from a variety of partnership models that impact global student learning. Participants will engage in small group discussions to learn about the programs that interest them the most. Table facilitators will guide discussions of how examples can be applied at participants' home institutions.

Moderator – Cindy Mah, Institute of International Education

3:00_p

TABLE 1

Entrepreneurship Initiative

A business creation and prototyping space for students who have a passion for entrepreneurship, providing a common space for students from all academic disciplines to develop new ideas.

Facilitator – Jennifer Capps, Director of Undergraduate Programs
Entrepreneurship Initiative, NC State

TABLE 2**Engineers in London Study Abroad Program**

A program that earns participants six academic credits while making London their classroom. Site visits allow students to see how engineers and technical employees communicate in an international workplace.

Facilitator – Sarah Egan Warren, Technical Communications Specialist
Advanced Analytics, NC State

TABLE 3**Stop Hunger Now**

A nonprofit driven by the vision of a world without hunger, partnering with universities to fulfill their mission through meal packaging, assessment and research.

Facilitator – Allen Renquist, Chief Programs Officer, Stop Hunger Now

TABLE 4**B Corp Clinic**

Connects NC State, SKEMA Business School, UNC and Duke students to aspiring B Corporations to help them improve their environmental and social impact. The Clinic is focused on working with members of HQ Raleigh and local startups in the Triangle area. The clinic wants to continue to build a community of entrepreneurs and change makers that empower others to create purpose-driven businesses and to leave the world better than they found it.

Facilitators – Liz Tracy, Director, HQ Raleigh & Jessica Thomas, Director, Business Sustainability Collaborative, Poole College of Management, NC State

TABLE 5**NSF Industry-University Cooperative Research Centers**

This table explores a case study of Research Centers on US and international students' outcomes in the context of Industry-University partnerships. The amount and complexity of R&D investments and programs have been growing in the last few decades, however, little is known about their effects and long-term outcomes on the university training of future scientists. The main findings will be discussed and recommendations provided.

Facilitator – Lena Leonchuk, Graduate Research Assistant in Psychology, NC State

TABLE 6**FedEx Global Education Center**

The center is a building that demonstrates the university's commitment to global education by bringing together student and faculty services, academic instruction, and programs and research. Centers, institutes, and offices housed in the building work pan-university to support the globalization of the campus.

Facilitator – Katie Bowler Young, Director of Global Relations for UNC Global, UNC Chapel Hill

TABLE 7**SAS Early Career Programs**

SAS is a leader in analytics, helping customers at more than 80,000 sites make better decisions faster. A variety of early career programs connect university students with the real-world operations at SAS around the world.

Facilitator – Danielle Pavliv, University & Diversity Recruiter, SAS

TABLE 8**Duke Kunshan University**

Duke Kunshan University is a Sino-American partnership of Duke University and Wuhan University to create a world-class liberal arts and research university offering a range of academic programs for students from China and throughout the world. A non-profit, joint-venture institution, Duke Kunshan University was granted accreditation approval by China's Ministry of Education in September 2013 and welcomed its inaugural class of students in August 2014.

Facilitator – Jennifer Bailey, Assistant Director for Marketing and Recruiting, Duke Kunshan University

BREAK – 15 min**Session 2 – Faculty Excellence Panel**

Participants will learn about entrepreneurial industry connections relating to faculty excellence. Expert panelists will share partnership examples that benefit faculty global engagement through research, international development, teaching or scholarship.

Moderator – Dennis Kekas, Associate Vice Chancellor, NC State

Panelist – Krishna Udayakumar, Associate Professor of the Practice, Global Health & Medicine, Duke Global Health Institute

Panelist – Joerg Shulte, Manager Liaison Office, Research & Innovation, BMW Manufacturing Co. LLC

Panelist – Gary Hodge, Professor & Director of Camcore, College of Natural Resources, NC State

The Centennial Campus Model: Global Partnerships Forging Innovation

An overview of NC State's award-winning research campus in preparation for the Tuesday morning tour.

Dennis Kekas, Associate Vice Chancellor, NC State

3:15p

4:45p

4:45p

5:00p

6-8p

Networking Reception

Lonnie Poole Golf Course 1509 Main Campus Dr., Raleigh, NC 27606

Sponsored by QS Unisolution

Tuesday, March 22

8-9a

Coffee & Opening Remarks

9:15a

Tour of Centennial Campus

Board buses at the roundabout near the tower behind Talley by 9:15am

- SKEMA Business School
- Entrepreneurship Garage
- Hunt Library

11:45a

12:15p

Lunch & Keynote

- Bob Geolas, President & CEO, Research Triangle Foundation of North Carolina

RTP: Partnerships with Innovation Re-Imagined

1:15p

1:30p

Session 3 – International Student Entrepreneurship

An informative session on the challenges that Student Entrepreneurship presents for international students in F-1 and J-1 visa status. The session will explore various work authorizations available to this group and pathways that students can pursue to start their own companies in the U.S. In addition to hearing from David Ware, an immigration attorney with years of experience helping students and entrepreneurs navigate the visa process, participants will hear from international student entrepreneurs on the opportunities and challenges from a student perspective.

Moderator – Elizabeth James, Director of the Office of International Services, NC State

Panelist – David Ware, Attorney, Ware | Immigration

3:00p

3:00p

Forum Wrap-Up

- Darla Deardorff, Executive Director, AIEA

3:30p

Session Details

Session 1 – Student Success Roundtable

This session focused on partnerships that connect students with industry in a meaningful global context. Table facilitators shared innovative program examples from a variety of partnership models that impact global student learning. Participants engaged in small group discussions to learn about the programs that interest them the most in a modified roundtable format, allowing attendees to learn from three different programs. Table facilitators led discussions of how examples can be applied at participants' home institutions.



Moderator – Cindy Mah, Institute of International Education

Programs Represented:

- **Entrepreneurship Initiative**
A business creation and prototyping space for students who have a passion for entrepreneurship, providing a common space for students from all academic disciplines

to develop new ideas.

Facilitator – Jennifer Capps, Director of Undergraduate Programs
Entrepreneurship Initiative, NC State

- **Engineers in London Study Abroad Program**

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Facilitator – Sarah Egan Warren, Technical Communications Specialist
Advanced Analytics, NC State

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Facilitator – Jennifer Bailey, Assistant Director for Marketing and Recruiting,
Duke Kunshan University

Session 2 – Faculty Excellence Panel

Participants learned about entrepreneurial industry connections relating to faculty excellence. Panelists shared partnership examples that benefit faculty global engagement through research, international development, teaching or scholarship. Key topics included best practices and lessons learned from implementing university-industry partnerships.



Moderator – Dennis Kekas, Associate Vice Chancellor, NC State

- Panelist – Krishna Udayakumar, Associate Professor of the Practice, Global Health & Medicine, Duke Global Health Institute
- Panelist – Joerg Shulte, Manager Liaison Office, Research & Innovation, BMW Manufacturing Co. LLC
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Moderator – Elizabeth James, Director of the Office of International Services, NC State

- Presenter – David Ware, Attorney, Ware | Immigration
- Student Panelist – Alexander Richter
- Student Panelist – Shrey Satpathy

Tour of Centennial Campus

NC State's award-winning Centennial Campus is home to more than 70 public and private partners — as well as the innovative Hunt Library, which Time magazine has dubbed "the library of the future." Forum participants toured Centennial Campus to see government, education and industry partnerships in action.

Stops included:

- SKEMA Business School – A French institution that has its only U.S. campus on Centennial Campus. The school's 500+ students interact with NC State students through targeted cross-cultural programming facilitated by the Global Training Initiative, a unit of the Office of International Affairs at NC State.
- Entrepreneurship Garage – A business creation and prototyping space designed for students entrepreneurs.
- Hunt Library – An innovative and award winning library that opened in 2013 and has since become a signature piece of the landscape at Centennial Campus.



Featured Speakers

Darla Deardorff, Executive Director, AIEA

Darla K. Deardorff is Executive Director of the Association of International Education Administrators (AIEA), based at Duke University. She is also a research scholar in the Program in Education at Duke University and has held national leadership positions with NAFSA and with Forum on Education Abroad. She is also lead editor of the *Sage Handbook of International Higher Education*, (Sage, 2012) along with co-editors Hans de Wit, John Heyl and Tony Adams. She has given invited talks, trainings and workshops around the world on intercultural competence, international education assessment and global leadership. Founder of ICC Global, her areas of specialty include cross-cultural training, assessment and evaluation, teacher/faculty preparation and development, curriculum internationalization, global leadership, and intercultural coaching.

Bob Geolas, President and CEO, Research Triangle Foundation of North Carolina

RTP: Partnerships with Innovation Re-Imagined

Robert T. "Bob" Geolas serves as President and CEO of the Research Triangle Foundation of North Carolina. Mr. Geolas is responsible for maintaining and expanding relationships between North Carolina's educational institutions and RTP industry. He also leads the first redevelopment in RTP's history – the Park Center. As part of the Park Center project, Bob initiated the launch of a new space in RTP called The Frontier. With more than 20 years of experience uplifting research Parks, Bob has a proven track record of success. In his earlier career, Bob led North Carolina State University's Centennial Campus and Centennial Biomedical Campus.

Wayne Holden, President, RTI International

Addressing Global Challenges through Collaboration

E. Wayne Holden, PhD, is RTI's fourth President. Prior to joining RTI, he served as vice president, senior vice president, and ultimately president of the research company ORC Macro. Dr. Holden holds appointments as an adjunct professor in the Department of Psychiatry and Behavioral Sciences at Duke University School of Medicine and as an adjunct professor in the Department of Health Policy and Management at the University of North Carolina at Chapel Hill Gillings School of Global Public Health. Dr. Holden is a fellow of the American Psychological Association and has authored more than 130 articles, books, and book chapters on various topics in clinical child/pediatric psychology and health services research.

Bailian Li, Vice Provost for International Affairs, NC State University

Dr. Bailian Li became the Vice Provost for International Affairs at North Carolina State University in 2006, and also serves as a Professor of Forestry and Environmental Resources. As the Vice Provost, Dr. Li leads the development and implementation of the strategic vision for the University's global engagement and international programs. He also provides leadership and administration for all international units, centers, and programs encompassed by the Office of International Affairs to promote global perspectives in teaching, research, and engagement. Dr. Li has extensive international experience in research and teaching collaboration with many foreign universities, research institutes and governmental agencies, including Australia, Canada, China, Chile, Finland, Malaysia, New Zealand, Sweden, and Turkey. He has been an active leader in several international professional organizations and served as adjunct professor at several foreign universities.

Cindy Mah, Director of Global Scholarship Programs, Institute of International Education

Trends & Topic Overview

Ms. Cindy Mah is the Director of the Global Scholarship Programs (GSP) division at the Institute of International Education (IIE) in New York. The IIE is one of the largest and oldest not-for-profit organizations committed to advancing international education and access to education worldwide. Ms. Mah's division focuses on private-sector engagements to create scholarship funding opportunities and programs to develop leadership abilities and competencies to thrive in a global workplace. She leads the division to provide a full range of program management services for clients that include the GE Foundation, Cargill, Rolex, New York University, and the Stephen A. Schwarzman Education Foundation, among many others. Most recently, Ms. Mah has assembled teams to implement outreach and selection activities for exciting new initiatives by IIE's clients, including New York University's Abu Dhabi campus, and the Schwarzman Scholars program, a new one-year Master's Degree at Tsinghua University in Beijing.

Randy Woodson, Chancellor, NC State University

Dr. Woodson was appointed the 14th chancellor of North Carolina State University on April 1, 2010. Under his leadership, NC State has built upon its reputation as a pre-eminent research institution. It is a time marked by many transformative changes — the opening of the James B. Hunt Jr. Library on Centennial Campus, the launch of the College of Sciences and the completion of the Lonnie Poole Golf Course. Woodson has also guided the university in securing leadership roles in groundbreaking research projects, such as the Next Generation Power Electronics National Manufacturing Innovation Institute, the Consortium for Nonproliferation Enabling Capabilities and the Laboratory for Analytic Sciences. These advances were made possible thanks to Woodson's strategic plan and the accompanying Strategic Resource Management initiative, which aligned the university for greater effectiveness, efficiency and most importantly, student success.

Lessons Learned

Based on the forum evaluations, the following were mentioned as insights and valuable lessons gained from the event:

- Networking, collaboration of ideas and organizations and small group discussions
- Learning about the different activities and institutions that people are engaged in
- Shared interests and goals are the keys to sustainable partnerships
- A common challenge of industry/academic partnerships is working across different organizational cultures, expectations and timelines
- University activities not necessarily global in nature make global impacts
- Real, productive innovation requires the convergence of multiple entities and the space to make it happen



“The connection between industry and higher education systems is more integrated than ever before. Professors need to publish for tenure, but the ‘real’ societal benefit is in connecting knowledge produced with industry and society.” ~Forum Participant

Follow Up Questions

Participants were asked to document “burning” questions they had the final hour of the forum. Here are some of the questions they would like to learn more about:

- How do we get on the radar of more industry partners to turn to universities as solution partners?
- How are partnerships funded and what is the Return on Investment?
- What strategies should be used to convince higher administration to invest in partnerships to provide international awareness for our students?
- How do we diversify the individuals involved with the international conversation?
- How to build more bridges with federal and state policy makers?

Planning Team

A special thank you to the staff who participated in the planning and execution of the event to ensure a successful forum.

- Dr. Bailian Li – Vice Provost for International Affairs
- Rebecca Cibulskis – SKEMA Programs Assistant, Global Training Initiative
- Kevin Feeney – Program Coordinator, Study Abroad Office
- Alexis McCloskey – Program Coordinator, Office of International Services
- Ilin Misaras – Assistant Director, Global Training Initiative
- Mallory Roseman – Programs Assistant, Office of International Affairs
- Megan Winzeler – Communications Specialist, Office of International Affairs

Sponsorship

The thematic forum was made possible by the Association of International Education Administrators (AIEA), with special support from QS Unisolution.

