CONFERENCE

COMPREHENSIVE RETENTION PLANNING FOR STEM PROGRAMS

May 15 - 17, 2017

New Orleans, LA

ACADEMIC IMPRESSIONS

Practical and holistic strategies that you can use to boost STEM retention.

OVERVIEW

Incoming STEM students continue to enter higher education underprepared to handle the rigor of the programs. Learn how you can address specific challenges facing first- and second-year STEM students (when the dropout risk is the highest) and link these to solutions that work across the student lifecycle, including:

- → High school and pre-college outreach
- → Building student motivation for STEM majors
- → Proactive academic advising and bridge programs
- → In-classroom activities to improve engagement

Throughout this training, you will have the opportunity to interact with both your peers and speakers in the form of working time and coaching sessions. You will leave this training with a working STEM retention plan based on what you will learn at this three-day conference that you can take back to your institution and begin implementing.

PRE-CONFERENCE WORKSHOP: REDESIGNING CURRICULUM TO REMOVE BOTTLENECK COURSES

Student support services are only one piece of the academic success and retention puzzle. Learn how you can take an innovative approach to evaluating your curriculum and redesigning it to address low retention and bottleneck courses.

JOIN US AS A TEAM AND SAVE

STEM academic administrators will benefit from strategies presented on developing and implementing initiatives that promote student success. This conference will also benefit faculty and academic support staff who interact directly with students to improve their persistence and success. Teams of academic administrators and support staff are encouraged to attend as a team to benefit from the shared training experience. **Register two colleagues from your institution and a third can attend for 50% off!**

VISIT EVENT PAGE

www.academicimpressions.com/conference/comprehensive-retention-planning-stem-programs-may-2017

LEARNING OUTCOME

After participating in this conference, you will be able to develop a roadmap for comprehensive retention programming for first- and second-year STEM students.

CONTACT US FOR MORE INFORMATION

Contact Elizabeth Hubbell, Program Manager at elizabeth@academicimpressions.com or 720-988-1218 if you'd like additional information about the program.

AGENDA

MAY 15, 2017

Pre-Conference Workshop: Redesigning Curriculum to Remove Bottleneck Courses

8:30 - 9:00 a.m.
Continental breakfast for pre-conference workshop attendees (included in workshop registration fee)

9:00 a.m. - 12:00 p.m.
Pre-Conference Workshop: Redesigning Curriculum to Remove Bottleneck Courses
The traditional bottlenecks of math and chemistry do not need to be the sole pivot point for student progression in STEM fields. Thinking innovatively about the alignment of curriculum and the pathway a student takes is one strategy to promote student success. This interactive workshop will examine a proven model for curriculum redesign that directly addresses low retention in bottleneck courses.

12:00 - 1:00 p.m.
Lunch for pre-conference workshop attendees (included in workshop registration fee)

MAIN CONFERENCE

12:00 - 1:00 p.m.
Conference registration and check-In

1:00 - 1:30 p.m.
Introductions

1:30 - 2:30 p.m.
Identifying Your STEM Student Success Challenges
If you are responsible for improving STEM retention rates, you know that data is important. Do you ever need guidance on how to understand patterns, tie data to programming objectives, and set realistic goals for improvement? This session will assist you in the early steps of retention planning through a more comprehensive look at current and future efforts.

2:30 - 2:45 p.m.
Break

2:45 - 3:45 p.m.
Turning Retention Opportunities into Programs
Now that you understand your retention patterns, you need to start examining current and potential programming options that will serve your comprehensive plan. During this session, our faculty will share examples of new program models to help align current and new efforts.

3:45 - 4:30 p.m.
Working/Coaching Time
Our first day will conclude with time for you to turn to your workbooks and begin to build out your plan based on the information presented throughout the day. Instructors will circulate around for tailored coaching and one-on-one consulting as needed.

4:30 - 5:30 p.m.
Networking Reception (included in registration fee)

AGENDA

MAY 16, 2017

8:30 - 9:00 a.m.
Continental breakfast (included in registration fee)

9:00 - 10:30 a.m.
Proactively Preparing Incoming Students
Underprepared students entering the rigor of post-secondary STEM education pose challenges for faculty, deans, and all student support staff. Waiting on these students to arrive and then trying to accommodate them will deflate both resources and student motivation. This session will examine new approaches to secondary intervention and bridge programs to better prepare incoming STEM students.

10:30 - 10:45 a.m.
Break

10:45 a.m. - 12:00 p.m.
Student Support "Think-Tank" Session: Best Practices for STEM Support Programs
This interactive session, designed specifically for student support staff, is intended to build upon the morning's conversations and help generate new STEM retention program ideas. Through a series of both small and large group discussions, we will discuss in detail what is working and what is not working for those in the room in the context of various types of STEM support programs, and will gain inspiration and ideas for new programs or new strategies that you could put in place to meet your specific retention challenges.

12:00 - 1:00 p.m.
Lunch (included in registration fee)

1:00 - 1:30 p.m.
Working Time
You will be given time at your tables and in your teams to work on the portions of your plan pertaining to the morning's sessions. Instructors will be available for individualized coaching and guidance as needed.

1:30 - 2:45 p.m.
Case Study: Engineering Scholars Program
Anne Arundel Community College is in the 6th year of what was originally a 5-year NSF S-STEM grant that targets underrepresented students in engineering. The program provides financial assistance, mentoring, field trips to 4-year institutions, site visits to engineering companies, and access to additional resources. This session is designed to give you ideas for partnering with other institutions and industries, and providing resources to increase retention in STEM areas for underrepresented students.

2:45 - 3:00 p.m.
Break

3:00 - 4:15 p.m.
Case Studies: UCF's STEM Student Support Programs
Research has identified a host of STEM-specific student support programs that improve student success and learning. Implementing and scaling these programs can be a challenge, specifically when searching for sustainable efforts. Using a series of mini case studies from the University of Central Florida, this session will expose you to a series of student support efforts and programs that find the balance between impact and sustainability.

AGENDA

MAY 17, 2017

8:30 - 9:00 a.m.
Continental breakfast (included in registration fee)

9:00 - 9:45 a.m.
Working Session: Crafting Your Plan
During this final working session, you will collaborate with your teams to put the finishing touches on the outline of your STEM retention plan. You will receive guided feedback from faculty on the feasibility of your planning models.

9:45 - 10:00 a.m.
Break

10:00 - 11:15 a.m.
Evaluating Programmatic Success
This final conference session will focus on strategies for using data to help you evaluate the success of your current STEM retention programs in order to make decisions about which programs to scale up, make adjustments to, downsize, or cut altogether.

11:15 - 11:45 a.m.
Conference wrap-up and final Q&A

INSTRUCTORS

Melissa Dagley, EdD, Executive Director, Center for Initiatives in STEM, University of Central Florida
Dr. Melissa Dagley serves as PI of the NSF-funded STEP 1b program "Convincing Outstanding-Math-Potential Admits to Succeed in STEM (COMPASS)," and Director for the formerly NSF-funded "EXCEL:UCF-STEP Pathways to STEM: From Promise to Prominence". She is a Co-PI for the Girls EXCELling in Math and Science (GEMS) and WISE@UCF industry funded women's mentoring initiatives. In addition to guiding undergraduates towards a successful path in STEM, Dr. Dagley directs the STEM K-12 outreach and teacher training initiatives for the Colleges of Science and Engineering and Computer Science, and leads a fellows program for faculty interested in STEM education and education research. Through iSTEM, Dr. Dagley works to promote and enhance collaborative efforts on STEM education and research by bringing together colleges, centers, and institutes on campus, as well as other stakeholders with similar interest in STEM initiatives. Her research interests lie in the areas of student access to education, sense of community, retention, first-year experience, living-learning communities, and persistence to graduation for students in STEM programs.

Nathan Klingbeil, Dean, College of Engineering and Computer Science, Wright State University
In addition to his current position, Nathan Klingbeil is a professor of mechanical engineering. He is the lead PI for Wright State's national model for engineering mathematics education, which has been supported by over $5.0M in grants from the National Science Foundation. He held the university title of Robert J. Kegerreis Distinguished Professor of Teaching from 2005-2008, and served as the college's director of student retention and success from 2007-2009. Prior to his appointment as dean, he served as associate dean for academic affairs, where he established the CECS Student Success Center to support large-scale changes in the college's recruitment and retention initiatives. He has received numerous awards for his work in engineering education, including the ASEE North Central Section Outstanding Teacher Award (2004) and the CASE Ohio Professor of the Year Award (2005).

Dr. Alycia Marshall, Associate Vice President of Learning and Academic Affairs, Anne Arundel Community College
Dr. Alycia Marshall has a Ph.D. in Mathematics Education from the University of Maryland College Park, a Master of Arts degree in Teaching from Bowie State University, and a Bachelor of Arts degree in Mathematics from the University of Maryland Baltimore County. Her teaching experience includes three years as a secondary mathematics teacher in Prince George's County, Maryland and 17 years of teaching mathematics at AACC. She is also the chief executive officer of Educational Excellence LLC, a tutoring company, which provides tutoring and enrichment services to students of all ages in all subject areas in the Washington D.C. Metropolitan area.

Dr. Marshall serves as the Principal Investigator of the Engineering Scholars Program (ESP) at AACC, a 5-year, $600,000 grant funded by the National Science Foundation which provides scholarships, mentoring, and support services to underrepresented students pursuing engineering. In 2013, Dr. Marshall was awarded the Verizon Community Innovator Award and was recently nominated and selected as one of the 2015 INSIGHT Into Diversity Magazine's "100 Inspiring Women in Stem". Additional recent awards include a National Faculty Role Model Award presented by Minority Access Inc., various citations from state and county government officials, and most recently, she was the recipient of the Black Student Union Zeitgeist Award. Marshall has also served as a panel reviewer for the National Science Foundation and was previously a STEM panel moderator for Congresswoman Donna Edwards of Maryland on Capitol Hill.

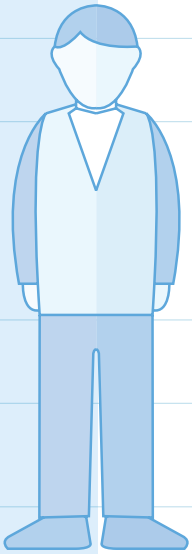
INSTRUCTORS

Steven P. Girardot, Ph.D., Associate Vice Provost for Undergraduate Education, Georgia Institute of Technology
Steven P. Girardot has more than ten years of higher education experience, and earned both a BS in Chemical Engineering and a Master's Degree in Chemistry from Georgia Tech. He completed his doctorate in Chemistry and Environmental Health at Emory University, and a Master of Public Health (MPH) degree in Epidemiology from the Emory University Rollins School of Public Health.

Dr. Girardot has extensive background in student transition, retention, and success. Steven's experience includes serving as the founding director of Georgia Tech's Center for Academic Success and co-chairing Georgia Tech's Complete College Georgia Steering Committee. He also served as the Director of the Office of Success Programs (which included new student orientation, first-year seminars, sophomore programs, tutoring, and academic support programs); Assistant Director for TA and Graduate Student Programs at Tech's Center for the Enhancement of Teaching and Learning (CETL); and Program Coordinator at Tech's Center for Education Integrating Science, Mathematics, and Computing (CEISMC), where he managed tutoring programs that linked Tech students to local elementary schools. In addition to his administrative positions, he teaches Freshman Seminar (GT1000) and Freshman Chemistry.

THE CONFERENCE EXPERIENCE

OTHERS	VS	ACADEMIC IMPRESSIONS
Typically large annual event		**Intimate, workshop-style event with personalized attention**
Many concurrent sessions; forcing choice		**One focused learning track**
Uneven sessions and less outcome-focused, driven by an open call for proposals		**Needs-driven** and meticulously planned with practical outcomes • Action plans and next steps to use upon returning to campus • Carefully-vetted expert instructors that are also practitioners in the field
Lecture-based		**Learner-centric** and designed for interaction and collaboration
Large networking events with vendors		Small-scale opportunity to **truly connect with colleagues** in the same position at other institutions
Some slide presentations posted online after the event		**200+ page workbooks** with references, worksheets, articles, templates, exercises, and planning documents



96%
of past attendees would recomend an AI conference to a colleague

250+
***and growing* of AI member institutions (AI Pro)**

15,000+
higher ed professionals served

AI Conference Experiences

Academic Impressions provides valuable exploration of timely and pragmatic challenges to higher education institutions. The combination of impassioned subject matter experts as presenters and means of engaging conference attendees was potent.

- C. Tennent, Associate VP of Facilities Management, University of Saskatchewan

This conference was the complete package: relevant topics, philosophical and practical applications, fantastic speakers, fantastic location. One of the BEST conferences I've ever attended. It is what a conference should be! Full of collaboration, networking and solutions.

- M. Lowe , Associate Professor and General Reference Librarian University of Louisiana at Monroe

LOCATION

May 15 - 17, 2017 :: New Orleans, LA

HOTEL:

Hyatt Regency New Orleans
601 Loyola Avenue
New Orleans, LA 70113

To reserve your room, please call 504-561-1234. Please indicate that you are with the Academic Impressions group to receive the group rate.

ROOM RATE:

The rate is $189 for single or double occupancy, plus applicable tax.

ROOM BLOCK DATES:

A room block has been reserved for the nights of May 14, 15, and 16 , 2017.

RATE AVAILABLE UNTIL:

Make your reservations prior to April 24, 2017. There are a limited number of rooms available at the conference rate. Please make your reservations early. Rooms are subject to hotel availability.

ADDITIONAL INFORMATION:

The Hyatt Regency New Orleans offers you several restaurants, modern facilities, a full-service Starbucks, and 24-hour grab-n-go fresh market means. The hotel is located approximately 15 miles from Louis Armstrong International Airport (MSY) and is conveniently located within walking distance of many of the city's most popular historic sites, entertainment and sports venues, including the neighboring Mercedes Benz Superdome.

PLEASE FAX ALL REGISTRATION PAGES TO: 303.221.2259

PRICING (CIRCLE ONE)

Your registration fee includes: Full access to all conference sessions and materials, access to the networking reception on Monday, breakfast and lunch on Tuesday, and breakfast on Wednesday, as well as refreshments and snacks throughout the conference.

Bring your team!

For every two people you register from your institution, receive a third registration at 50% off of the registration price.

BEST VALUE	CONFERENCE	WORKSHOP	WITH AI PRO MEMBERSHIP
Conference + Pre-Conference Workshop	Conference only	Pre-Conference Workshop only	Get $100 OFF With Qualifying AI Pro Memberships Learn More
$1,495	$1,195	$395	$100 OFF

EARLY BIRD PRICING

Postmarked on or before April 28, 2017. For registrations postmarked after April 28, 2017, an additional $100 fee per registrant applies.

REGISTER ONLINE or on the next page.

PLEASE FAX ALL REGISTRATION PAGES TO: 303.221.2259

CONFERENCE REGISTRATION INFORMATION

Print Name _____ Job Title _____

Institution/Organization _____

What name do you prefer on your name badge? _____ Address _____

City _____ State/Province _____ Zip/Postal Code _____ Country _____

Telephone _____ Email _____

IF THIS CONFERENCE PARTICIPANT HAS ANY DIETARY OR ACCESSIBILITY NEEDS, PLEASE LIST THEM IN THE SPACE BELOW. WE WILL DO OUR BEST TO ACCOMMODATE THESE NEEDS.

How did you hear about this event? (email from AI, ACPA, colleague forwarded email, *The Chronicle*, etc.) _____

ADDITIONAL CONTACT INFORMATION

If you would like us to send a copy of your registration confirmation or receipt to someone else, please complete this section

Additional Contact Name _____ Contact Phone _____

Additional Contact Email _____ Additional Contact Title _____

EMERGENCY CONTACT INFORMATION

Emergency Contact Name _____ Emergency Contact Phone _____

PLEASE FAX ALL REGISTRATION PAGES TO: 303.221.2259

PAYMENT METHOD

We accept Visa, MasterCard, and American Express credit cards. To pay by check, include the check with this form or select the "invoice me" option. Fax form to 303.221.2259 or mail form along with payment to: Academic Impressions, 4601 DTC Blvd., Ste. 800, Denver, CO 80237

CREDIT CARD

Name on Card _____ Account Number _____

Billing Address _____ Billing City _____ Billing State _____

Billing Zip Code/Postal Code _____ Exp. Date _____ Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx) _____

AMOUNT TO CHARGE:_____

CHECK/INVOICE

☐ My check is included and covers _____ registration(s) Check # _____

☐ Please invoice me, Purchase Order #_____ (PO # not required to receive invoice)

HIGHER ED IMPACT

Delivered free to your inbox, Higher Ed Impact provides you with a full tool kit to help you monitor and assess the trends and strategic challenges likely to have an impact on your institution's health and competitiveness. (Check the boxes for the editions you would like to sign up for)

☐ DAILY**PULSE** - Scan current events, timely research, and notable practices at other institutions.

☐ WEEKLY**SCAN** - Review the week's most significant events and the most timely research in higher education, with key takeaways suggested by higher education's leading experts.

☐ **DIAGNOSTIC** - Get an enterprise-wide and in-depth look at a current, strategic challenge; identify steps to take and critical questions to address.

List the names of the registrants you'd like to sign up:_____

Learn more or sign up to receive Higher Ed Impact at: www.academicimpressions.com/news-sign-up

Note if you do not provide any names in the above space, all attendees will be signed up for the options selected.

CANCELLATION AND REFUND POLICIES

SATISFACTION PROMISE

We want you to be satisfied with your Academic Impressions learning experience. If the program you purchased fails to meet your expectations, please contact us within 30 days and let us know. We'll credit the full amount you paid toward another AI program that may better fit your needs.

CONFERENCES

For in-person conferences, substitute registrants are welcome and may be named free of charge at any time. If you cancel 8 weeks or more prior to the first date of the conference, you will receive a full refund, less a $100.00 service charge per attendee.

If you cancel within 8 weeks of the first date of the conference, you are not entitled to a refund. However, as a courtesy, we will allow you to apply your payment, less the service charge, toward a future purchase within one year from the date you cancel. Your payment is transferable to another person from your institution if you wish.

Please note that if you do not attend and you do not contact us in advance to cancel as described above, you are responsible for the entire payment. In case this event is cancelled, Academic Impressions' liability is limited to a refund of the registration fee only.

ONLINE TRAININGS CONSISTING OF AT LEAST ONE LIVE TRAINING DATE

You will receive a full refund (less a $75 service charge) if you cancel 8 weeks or more prior to the first live training date. If you cancel within 8 weeks of the first live training date, you are not entitled to a refund. But as a courtesy, we will apply your payment (less a $75 service charge) towards a future purchase within one year from the date you cancel. Your payment is transferable to another person from your institution if you wish. You may name a substitute primary participant free of charge at any time prior to the first live training date. If available, you may switch the live training format to a self-paced format (such as a CD-ROM Recording or On-Demand Download) free of charge. (Shipping charges will apply to CD-ROM Recording orders outside the U.S. or Canada.)

ONLINE TRAININGS WHICH ARE PURELY SELF-PACED

All sales are final. No cancellations or refunds are provided.

RECORDINGS, ON-DEMAND DOWNLOADS, MONOGRAPHS AND OTHER PUBLICATIONS

All sales are final. No cancellations or refunds provided.