CLIMATE CHANGE IN STEM SECONDARY EDUCATION

ECO 690CC at UMass Amherst
July 12-August 19th
Summer 2016

Meet in person once on July 12th, then online only!

We will:
- Get inspired about incorporating climate change into your curriculum
- Collaborate with other STEM teachers
- Practice developing case studies that will engage your students
- Work through 2 example case studies about forests and the carbon cycle and renewable energy
- Learn about some contemplative practices that you could bring to your classes
- Develop a curriculum element to apply in your classes this year

Contact fletche@eco.umass.edu or awbates@eco.umass.edu For info or to enroll
The Beacon readers who correctly answered last week’s question are Laura Jepson, financial aid services; Zulekha Abu, assistant residence director, Department of Residential Life; and Stephanie Purington, a doctoral student in TESI.

The answer:
Dr. Seuss is often credited with coining the word “nerd” and “If I Ran the Zoo” is credited with the first printed modern English use of the word. And by the way, “Dr. Seuss” lived in Springfield, Mass.

"And then, just to show them, I’ll sail to Ka-Troo/And Bring Back an It-Kutch, a Preep, and a Proo,/A Nerkle, a Nerd, and a Seersucker too!"

September 2016 Doctoral Degree Deadlines
for Ed.D. and Ph.D. candidates filing to graduate for the September 2016 degree period

August 22, 2016 is the deadline to submit your TYPED Doctoral Degree Eligibility Form, TYPED Form D-9 (Result of Final Oral Examination) and one original signature page to Kristin Tyler, Office of Academic Affairs, Furcolo Hall.

- Submit your TYPED Doctoral Form D-8 and final draft of your dissertation to Kristin Tyler to schedule your final oral defense 4 weeks plus 2 additional business days in advance of the defense date in order to meet the Graduate School’s 4 week deadline.

- Schedule your defense no later than August 15, 2016 to have time to make any necessary edits.

- Rooms are reserved by emailing the College of Education’s room request at: educ-roomrequest@educ.umass.edu

- August 22, 2016 is the deadline to submit your TYPED Doctoral Degree Eligibility Form, TYPED Form D-9 (Result of Final Oral Examination) and one original signature page to Kristin Tyler, Office of Academic Affairs, Furcolo Hall.

- The Doctoral forms are fillable and are found at the following URL. If you have any difficulty, please open the documents in Internet Explorer or Safari: http://www.umass.edu/education/students/current/advising-guidelines/doctoral-guidelines

- Please note that handwritten forms will not be accepted.

- Kristin will submit these forms to the Graduate School.

- August 31, 2016 (by 4:30pm) is the deadline for you to electronically submit your dissertation and the Survey of Earned Doctorates to the Graduate School. THIS IS A FIRM DEADLINE!
September 2016 Degree Deadlines
for Master’s Degree (M.Ed.) and Education Specialist Degree (Ed.S.) candidates filing to graduate for the September 2016 degree period

August 22, 2016 is the deadline to submit TYPED forms to Kristin Tyler, Office of Academic Affairs, Furcolo Hall to file to graduate for the September 2016 degree period.

Master’s Degree (M.Ed.) submit:
Typed Master’s Degree Eligibility Form
Typed College of Education’s Form M-2 Completed Program of Study
List in chronological order by semester from your transcript only graduate courses to be counted toward the master’s degree
Course numbers, course titles, semester and year, credits, and grades listed on the Form M-2 must match transcript and Degree Eligibility Form exactly

Education Specialist Degree (Ed.S) submit:
Typed Education Specialist Degree Eligibility Form
Typed College of Education’s Form ES-2 Completed Program of Study
List in chronological order by semester from your transcript only graduate courses to be counted toward the Ed.S. degree
Course numbers, course titles, semester and year, credits, and grades listed on the Form ES-2 must match transcript and Degree Eligibility Form exactly

- This deadline is to allow time for processing and obtaining the necessary signatures.
- Your advisor must sign the College of Education’s Form M-2 or ES-2, but NOT the Degree Eligibility Form.
- Please note that handwritten forms will not be accepted.
- Forms are fillable and are found at the following URL. If you have any difficulty, please open the forms in Internet Explorer or Safari:  http://www.umass.edu/education/students/current/forms

The College’s Graduate Student Orientation
Wednesday, August 31, 2016
on the lawn in front of Furcolo Hall and in our beautiful renovated building.
8:30 a.m. light breakfast; program from 9 a.m. to 3 p.m.
Plan to be there!

Leadership team summer meeting dates and times
August 15 @ 1-3 PM
July 26 @ 9-11 AM
Meeting minutes and agendas are posted here: https://www.umass.edu/education/faculty-staff/faculty-resources/leadership-team
FROM THE GRADUATE SCHOOL

Wednesdays (all summer), 9:00am–4:00pm
314 Commonwealth Honors College

Fulbright Advising

Summer is a great time to prepare your Fulbright Scholarship application! John Dickson, Fulbright Advisor in the Office of National Scholarship Advisement, encourages graduate students to sign up for Wednesday one-on-one sessions to strengthen proposal development (request an appointment via onsa@umass.edu). Last year, 16 UMass students earned Fulbright awards, the most ever for the university, earning the distinction as a Top Producer of Fulbright Students, according to the *Chronicle of Higher Education*. The application deadline is September 9th.

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Fall 2016 courses are on our web site.
[www.umass.edu/education/current-courses](http://www.umass.edu/education/current-courses)

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Hambleton receives Thomas Oakland Award

Ronald K. Hambleton, Distinguished University Professor, co-chairperson of the Research and Evaluation Methods Program, and Executive Director of the College of Education’s Center for Educational Assessment, received the first Thomas Oakland Award for Distinguished Contributions to Testing and Assessment from the International Test Commission (ITC), an association of national psychological associations, test commissions, publishers and other organizations committed to promoting effective testing and assessment policies and to the proper development, evaluation and uses of educational and psychological instruments.

The award recognizes an individual who has made one or more significant and noteworthy contributions to research or practice in educational or psychological assessment that has had a positive impact at either an international level or within his or her home country and that represents a model for others to follow.

*Dr. Oakland was a professor of school psychology at the University of Florida College of Education from 1995 until his retirement in 2010, when he was conferred the distinction of professor emeritus. He was a preeminent scholar in his field of study both nationally and worldwide. He passed away in 2010.*
New Offerings!

Extending a busy season of Methodology Workshops, ISSR is pleased to offer summer methodology consultations and a second session of our highly-subscribed NVivo training (August 23, 24 & 25), just before our final workshop, Modeling Emergence: Computer Simulation as a Theory-Building Tool (August 26-29).

Please join us, and pass this information along to graduate students, post-docs, faculty, and fellow researchers. Fees are pro-rated to encourage anyone who wishes to attend. Space is limited, so please register soon!

Look for ISSR’s Fall calendar of Methodology Workshops and Seminars, coming in August!

Late Summer Workshops

**August 23, 24 & 25 | Organizing and Analyzing Qualitative Data with NVivo 11 for Windows**

Eric Griffith & Jackie Steinh (9:00 am - 1:00 pm daily, plus lab time)

**August 29 - 30 | Modeling Emergence: Computer Simulation as a Theory-Building Tool**

James Kitts (9:00 am - 12:00 pm daily)

Summer Methodology Consulting for the UMass Research Community

This summer, we are also pleased to offer appointment times for free consultation on social science methods and statistical analysis for students, faculty, and other members of the UMass-Amherst research community.

Our consulting service is staffed by a team of advanced graduate students who provide consultation by appointment. (Walk-in consultation hours will resume in September 2016).

ISSR is generously supported by the College of Social and Behavioral Sciences, Office of the Provost, and Office of the Vice-Chancellor for Research and Engagement. ISSR Methodology Consultants are generously supported by the Graduate School.
**Send your questions** for the Beacon to dms@educ.umass.edu. If your q is selected, a College of Education fleece scarf will be held in your name in the Dean’s Office for you to pick up, and for your wearing pleasure.

**PROJECT ASSISTANTSHIP** - Journal of Special Education Leadership  
Department of Student Development

10 hour/week project assistantship available for fall 2016.

**Responsibilities include:** manage the review process, assemble issues of the journal for publication, oversee publication production tasks, submit information to abstracting agencies, maintain journal databases, and contribute to the ongoing revision of related journal documents.

**Qualifications include:** previous experience with publication production timelines and tasks, copy-editing, and data-base management. Priority will be given to doctoral students.

To apply, please send a resume to Mary Lynn Boscardin, mlbosco@educ.umass.edu and include PA Journal of Special Education Leadership

**TEACHING ASSISTANTSHIP**  
Department of Teacher Education and Curriculum Studies

A 10 hr/week teaching assistantship is available for fall 2016 to assist with EDUC 351 (Foundations of Education). EDUC 351 fulfills a requirement for the Education Minor.

**Responsibilities include:** Attendance at all class sessions (Tu/Th 1:00-2:15); Assisting with planning and teaching; Facilitation and monitoring of discussion groups (online and in the classroom); Evaluation of student work; Maintaining attendance and grading records; and Scheduled office hours (2h/week).

**Qualifications:** Excellent communication skills; Experience with undergraduate teaching; Strong organizational skills; Experience with and knowledge of topics/issues related to K-12 schooling in U.S. public schools; Experience with Moodle preferred.

Applicants should submit letter of interest, CV/resume (including the names and contact information for two references) to Raymond Sharick at rsharick@educ.umass.edu. Subject line of email should read: “TA Educ 351.” This assistantship is only for the Fall 2016 semester and is contingent upon course enrollment.

Application deadline: July 22, 2016
PROJECT ASSISTANT
Department of Educational Policy, Research and Administration
Center for International Education (CIE)

15 hour/week project assistant USAID/ECCN PROJECT for fall 2016

Responsibilities include: Assist the Principal Investigator and the USAID-ECCN professional development team, design materials for a five day course on the basic elements of Education in Crisis and Conflict-affected Environments. The first run of the course is scheduled for early November 2016. Specific tasks will include: identify and organize key documents related to theories of change and adaptive management in USAID and other agency programs and field projects and prepare these for use in the course, assist with the design of instructional modules and presentations, keep a record of all documentation concerning the planning and development of the course, assist with the evaluation and report preparation for the course, assist in the development of the course for mixed and on-line delivery.

Qualifications include experience: working on education project(s) in conflict/crisis environments; experience doing conceptual analysis and organizing documentation on education in crisis and conflict environments: specifically on emergent theories of change, adaptive management and feedback loops. Additional qualifications include identification and assessment of sources appropriate for EiCC training, management of team information using cloud technology, instructional design technology, advanced level of computer literacy including Word, Excel, and PowerPoint and graphics software.

To apply, please send your resume to Barbara Gravin-Wilbur at bgw@educ.umass.edu. Please add “ECCN PA” to the subject line.

Deadline: July 13, 2016. POSITION CONTINGENT UPON FUNDING.

RESEARCH ASSISTANT
Department of Teacher Education and Curriculum Studies
NSF Noyce Project Research Assistant—Mathematics and Science Education

Part-time (10 hour/week) research assistant positions for fall 2016.

The NSF Noyce S^2TLC project is looking to hire three exceptionally qualified research assistants with expertise in secondary mathematics or science education and experience working in secondary schools.

Responsibilities include working closely with the research team on multiple aspects of the project, including but not limited to, conducting lesson observations using a research protocol, facilitating professional learning community sessions with mathematics teachers, interviewing project participants, collecting and analyzing qualitative and quantitative data, drafting literature reviews, and general logistical operations associated with this large scale project.

Qualifications: Doctoral students with background in mathematics and/or science teaching at the middle/high school level. Strong organizational, analytical, and writing skills. Applicants must complete CITI training.

To apply: Send cover letter, resume, and two letters of recommendation to Dr. Sandra Madden at smadden@umass.edu.
(You can't google this one!)
Which College of Education faculty member's parents were award-winning, amateur ballroom dancers?

Send your answer to dms@educ.umass.edu and if you are respondee three or four and have the correct answer, you will receive College of Ed swag including a fleece scarf. Alas, if you have already been the first to respond to previous Qs and have won college stuff for your correct answers, you are not eligible to win for again for a period of two months.

**The HOLYOKE PUBLIC SCHOOLS need**

**Special Education Educators**

to ensure we explore all possibilities for student success

The Holyoke Public Schools is seeking exceptional Special Education teachers who are passionate about our ambitious vision to be Holyoke families’ first option for their child’s education. Special Education teachers play a critical role in meeting this challenge by helping to ensure that our students with disabilities are afforded every opportunity to realize their full potential.

**We offer competitive salaries & benefits in a setting that encourages bold thinking and embraces collaboration.**

**Bilingual candidates are a plus!**

**SY 2016-2017 Openings**

ABA/Autism Teachers
Behavior Specialists
Board Certified Behavior Analysts (BCBA’s)
Inclusion Teacher – High School
Integrated Preschool Teacher
Occupational Therapists
Physical Therapists
Special Education Teachers (Moderate/Severe license)
Special Education Team Leader
Supported Inclusion Program High School teacher

**Apply NOW!**

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There will be no Beacon during the weeks of August 18 and 25.
FRIDAY is the deadline for submissions to The Beacon

- Deadline for submissions is 5:00 P.M. Friday for inclusion in the following week’s issue.

- All assistantship notices will run in two issues. For information about preparing assistantship notices refer to the Faculty Resources pages (How to Write a Beacon Announcement) of our web site. www.umass.edu/education. And speak to the appropriate department chair about the submission process for assistantship announcements.

- Please submit notices of examinations and formation of dissertation committees to Kristin Tyler at ktyler@educ.umass.edu. These types of announcements will run for one week.

- Please submit news and announcements about departmental or concentration-related conferences, workshops, events and activities of interest to the college community to Denise Schwartz dms@educ.umass.edu. Have questions about content, format and how to submit? Email me.

For information about Beacon announcements visit the college’s web site www.umass.edu/education/faculty-staff/faculty-resources

Leadership team meetings agendas and minutes can be found here: http://www.umass.edu/education/faculty-staff/faculty-resources/leadership-team

DEADLINE: JULY 14
College of Ed faculty: send your FY16 published books info

The university is compiling a list of faculty-authored books published in FY 16 (July 1, 2015 to June 30, 2016) to be included on the faculty bookshelf page of the 2016 Report on Research.

To be certain that we have as complete as list as possible, please email me information about your publications.

NOTE the accepted format, below:

Format: _Title_, AUTHOR(S), (publisher, year).

Please send to dms@educ.umass.edu by July 14. Thanks.
NSF 2016 Video STEM showcase
Be part of the conversation at the NSF 2016 STEM for ALL Video Showcase - Over 150 3-min videos on innovative work in STEM Education. View, discuss, and vote for your favorite http://stemforall2016.videohall.com.

You can also support your colleagues by being sure to visit and comment on the following videos:

Martina Nieswandt, Triple Problem Solving Space - Small Group Work in Science: http://videohall.com/p/660


ACADEMIC CALENDAR 2016-17

First Day of classes
Tuesday, September 8

Last day to add or drop any class with no record - Undergraduate, Graduate, Stockbridge, Continuing Education
Monday, September 21

Holiday - Columbus Day
Monday, October 12

Last day to Drop with "DR" - Graduate
Monday, October 19

Last day to Drop with 'W' and select 'P/F' - Undergraduate, Stockbridge, Continuing Education
Thursday, October 22

Holiday - Veterans' Day
Wednesday, November 11

Registration begins for spring 2016
Thursday, November 12

Thanksgiving recess begins after last class
Wednesday, November 25

Send announcements, news, photos for the Beacon to dms@educ.umass.edu