Faculty, staff and students...
Plan to attend our Graduate Student Orientation on Wednesday, August 31 from 8:30-3:00

Save this date: Wednesday, August 31st!

College-wide graduate student orientation and cookout on the Furcolo lawn to kick-off the 2016-2017 academic year.

Details in the Beacon throughout the summer.

COLLEGE of EDUCATION
University of Massachusetts Amherst
The Beacon readers who correctly answered last week’s question are Molly Alvin, a doctoral student in school psychology, and Victoria Malaney, a master’s student in higher education. CONGRATULATIONS!

The answer to the question - Which department, established in 1907, evolved into the College of Education? - is ... The Department of Agricultural Education.

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**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

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 a list as possible, please email me information about your publications.

NOTE the accepted format!

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

Please send to dms@educ.umass.edu by July 14. Thanks.
TEACHING ASSISTANTSHIPS
Department of Teacher Education and Curriculum Studies

Four 10-hour teaching assistants for fall 2015 to support EDUC 591SE: Sheltered English Immersion (secondary sections) on Tuesdays 5:00 - 7:30. Please note that the exact number of TAs will be contingent upon enrollment and funding.

Responsibilities include: Attend a weekly planning meeting with other TAs under the direction of instructor of record. These meetings will also be on Tuesday afternoons; Lead a discipline-specific discussion section for secondary English, history, math, or science licensure candidates. In these separate sections, TAs take attendance and keep student performance records; implement weekly lesson plans; collect and evaluate students' weekly assignments related to readings and class discussion, provide feedback on assignments; and provide input on the assessment of students' progress in the course. TAs are also responsible for responding to students' emails in a timely manner and for holding weekly office hours. Act as a liaison between this course and the secondary methods courses in specific disciplines as needed (e.g., English, history, math, science).

Ideal candidates have the following qualifications and experiences: Knowledge of second language literacy development and ESL teaching experience, preferably at the secondary level; Knowledge of sociocultural theory (e.g., Moll's funds of knowledge; Halliday's systemic functional linguistics, Martin's genre theory; Vygotsky's Zone of Proximal Development) and an ability to use these theories to design critical content-based units of instruction for secondary English learners; A commitment to equity in education and a knowledge of a language other than English; A demonstrated knowledge of the schooling experiences of ELL and the policies that shape these experiences; A demonstrated ability to collaborate, communicate, and negotiate differences; A demonstrated ability to use technology to support teaching and learning.

Applicants should send a cover letter that includes the names of two former employers who can provide a telephone reference, and CV/resume to Dr. Gebhard at gebhard@educ.umass.edu. The subject line should read TA 503 and specify the content area (e.g., TA 503 Secondary Science, English, Math or Social Studies). These assistantships are contingent upon enrollment and funding and are only for fall 2016. Application deadline July 1, 2016.
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!**

**TEACHING ASSOCIATE** – University to Schools Student Teacher Coordinator

Office of Educator Preparation

A 30 hour/week project assistantship is available beginning July 1, 2016 and will continue until May 29, 2017.

**Responsibilities Include:** Collaborating with the different subject matter faculty to identify qualified supervising practitioners for fall pre-practicum and possibly spring student teaching; collaborating with the field experience specialist and the educator assessment data specialist to revise Tk20 for the CAP student teaching portfolio. Collaborating with STEP subject matter faculty to: identify qualified supervising practitioners and set up pre-practicum placements; set up and monitor student teacher placements; review applications to identify qualified program supervisors, interview applicants and ensure hiring and monitoring of program supervisors; monitor student teaching and CAP implementation. The teaching associate will be the instructor of record for EDUC 500M and EDUC 500S (Student Teaching in Middle and High Schools) as well as the student teaching support seminar EDUC 510.

**Qualifications Include:** A qualified candidate will possess excellent organizational skills and be able to work independently. Candidates should also have (a) knowledge/background in teacher education; (b) middle or high school teaching experience; (c) excellent collaboration, communication and writing skills; and (d) previous supervisory experience.

Preference given to advanced doctoral students. To apply, please send a cover letter describing qualifications and resume to Dr. Marge Magouirk-Colbert at magouirk@educ.umass.edu. Please write UTS Coordinator in the subject line.
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.

TEACHING ASSISTANTSHIP
Department of Teacher Education and Curriculum Studies

One 10 hour/week teaching assistantship is available for fall 2015 for Education 497I (Tutoring in Schools)

Responsibilities include: Teaching large and small groups in a team-based learning setting; coordinating field placements of tutors at local schools; responding to student writing assignments; and contributing to the development of the course open educational content wiki.

Qualifications include: Doctoral or prospective doctoral candidate with teaching and tutoring experience in K-12 schools; knowledge of interactive instructional technologies including wikis and digital presentation systems; graduate coursework in curriculum development, teaching methods, social justice education or educational change.

To apply, please send brief cover letter and CV to Robert W. Maloy, Room W229, College of Education, Furcolo Building or by email at rwm@educ.umass.edu

RESEARCH ASSISTANTSHIP - West Coast Analytics
Center for Educational Assessment

10-20 hours/week, June – August 2016 - Applicant must complete CITI training.

Responsibilities include: conducting multivariate statistical analyses; equating analyses; simulating data; editing technical reports; entering items into html database; attending project meetings; writing computer code for psychometric activities such as item calibration, score scale linking, and population invariance studies; performing literature reviews on equating, scaling, standard setting, and score reporting; co-authoring research reports.

Qualifications include: a background in psychometrics, statistics and mathematical modeling of educational assessment data; experience working in educational assessment; working knowledge of classical test theory and item response theory; extensive knowledge of multidimensional scaling, plausible values methodology, test construction, and test validation research.

All positions are dependent on funding. Priority will be given to doctoral students.

To apply, please contact Dr. Scott Monroe, (413)545-8909 smonroe@educ.umass.edu
PROJECT ASSISTANTSHIP
Department of Educational Policy, Research, and Administration

10 hour/week project assistantship available for summer 2016

Responsibilities include: gather and analyze data about graduate programs in Education Leadership, including principal licensure programs, in Massachusetts and New England. Content will include: course, competency, and fieldwork requirements; number of active faculty, and extent and nature of administrative and staffing support; Collaborate with College of Education colleagues creating student handbooks for Ph.D. students in other concentrations and departments to create one for Educational Leadership students; Data collection methods include collecting and reviewing documents, website information, and emailing and telephoning program directors or staff.

Qualifications include: excellent written and oral communication skills; excellent organizational skills; ability to work with various campus constituencies; currently enrolled in a graduate program in the College of Education; familiar with higher education systems. Priority will be given to doctoral students.

To apply, please send a resume to Judy Pierce at judithpierce@educ.umass.edu. Please add ‘Ed Leadership PA’ to the subject line.

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RESEARCH ASSISTANTSHIP - Clock Wise: Investigating the Learning and Teaching of Time
Department of Teacher Education and Curriculum Studies
Children, families, and schools concentration

A 10 hr/week research assistantship is available for the 2016/2017 academic year starting in the fall 2016.

Responsibilities: Assisting in collecting of data at elementary school sites (including teacher or student interviews and classroom discussions), transcribing and coding of video and audio transcripts, scanning and analysis of student work, participating in literature review, attending weekly or bi-weekly project meetings. Opportunities to assist in writing of conference proposals and manuscripts for publication.

Qualifications: A qualified candidate will possess research and organizational skills and be able to work independently. Candidates should also have (a) knowledge/background in mathematics education; (b) teaching experiences, preferably in K-12 or equivalent; (c) excellent research writing skills; and (d) previous experience in qualitative analysis (strongly preferred).

To apply, please send a cover letter describing qualifications and resume to Dr. Darrell Earnest at dearnest@educ.umass.edu.

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Reminder: How to request a room for a meeting, etc...

When requesting rooms for meetings, groups, special activities, please send your request to educ-roomrequest@umass.edu.

If a request is specific to one of the college departments, please send your request to the appropriate departmental assistant:
Malis Loeung malis@educ.umass.edu TECS;
Judy Pierce judithpierce@umass.edu SD & EPRA;
Michael Hanna mhanna@umass.edu (backup)
RESEARCH ASSISTANTSHIP
Department of Student Development

One 10 hour/week research assistantship is available for fall 2016.

**Responsibilities include:** This research assistant will work on a youth participatory action research project over the course of the fall 2016 semester in Holyoke Public Schools. The research assistant will conduct literature reviews, data collection, write for conference presentations, publications, and qualitative analysis. The research assistant will attend weekly research team meetings, school site meetings in Holyoke, and lead high school students through an analysis of relevant educational and social issues. The research assistant will support high school students with developing the skills necessary to collect data and create multimedia presentations. The research assistant will work with teachers and university partners to achieve the goals of the project.

**Qualifications include:** The ideal candidate will have strong writing skills and experience working with young people in out-of-school and/or in-school contexts. Priority will be given to doctoral students. Applicant must complete CITI training. Position dependent on funding.

To apply, please send a CV to Dr. Antonio Nieves Martinez at antoniom@umass.edu by July 1, 2016 using the term SJE RA in the subject line of the email.

TEACHING ASSISTANT
Department of Student Development

10 hr/week graduate teaching assistant position for fall 2016 for EDUC 202, a multi-section undergraduate course, in the social justice education concentration.

**Responsibilities include:** supports delivery of a multi-section undergraduate intergroup dialogue general education course; assists with the development of course materials and course manual: syllabi, policies, curricular guides, communication and coaching protocols, and grading rubrics; maintains Moodle course websites; maintains weekly office hours; answers student emails; conducts orientation, training and coaching sessions for student facilitators; compiles feedback and course evaluations; reviews final papers and assist with grade submission and other course related tasks specified by course instructor.

**Qualifications include:** excellent communication skills and organizational skills, significant experience with course maintenance, ability to work with a variety of constituents and small groups, including undergraduate and graduate student, faculty and staff, is also necessary. Preference will be given to doctoral students who have completed 691E social issues graduate seminar (e.g. racism, sexism, classism, heterosexism, transgender oppression, religious oppression), EDUC 624, 627, 691G, 795E and/or 692B.

To apply, please send a brief letter of application and resume to Ximena Zúñiga at xzuniga@educ.umass.edu. Please use the term "EDUC 202 TA" in the subject line of the email.

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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!
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

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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.**

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Leadership team meetings agendas and minutes can be found here: [http://www.umass.edu/education/faculty-staff/faculty-resources/leadership-team](http://www.umass.edu/education/faculty-staff/faculty-resources/leadership-team)
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 S²TLC 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.

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Molly Alvin, a doctoral student who really, really, really loves her work and her books (she said), sent this question:

**Who originated the word “nerd”?**

Send your answer to dms@educ.umass.edu and if you are one of the first two respondees with the correct answer, you will receive College of Ed swag including a fleece scarf to wear with your striped hat!

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**Maloy’s latest journal article**

Bob Maloy sent us a link to his latest publication in the journal Contemporary Issues in Technology and Social Studies Teacher Education.


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Send announcements, news, photos for the Beacon to dms@educ.umass.edu
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
**Course in Climate Change in STEM Secondary Education**

Sandy Madden tells us that the S2TLC Noyce Project is sponsoring a graduate level course for secondary mathematics and/or science teachers related to Climate Change. The course is offered through the Department of Environmental Conservation at a reduced rate ($345). This is a course teachers might use toward professional licensure requirements.

**Climate Change in STEM Secondary Education ECO 690CC Summer 2016**

**Class time and place:** One in person meeting July 12, 2016 from 1:00 3:00pm (Holdsworth308); Online through Moodle CPE Summer Session 2: July 11, 2016 August 19, 2016

**Credits:** 3 semester credit hours

**Course Description:**
In this professional development course for secondary education teachers, we will delve into the subject of teaching students about climate change through various STEM disciplines. Climate change is an inherently complex subject that incorporates multidisciplinary and interdisciplinary approaches and solutions. While climate change is frequently in the media and increasingly is the paradigm in which we base modern scientific research, it is often known to the public in general terms, at surficial levels, and is sometimes misunderstood. Students in secondary schools may lack the foundational knowledge to understand the scientific evidence of climate change, critically analyze arguments that attempt to refute climate change, and importantly, understand the breadth of solutions available to society to mitigate climate change. In this course, participants will first review the fundamentals behind climate science and the relevance to physical and natural sciences, and then examine in depth solutions to mitigate climate change. We will delve into sharing a step by step case study teaching approach in which real world challenges are used to engage and instruct topics and knowledge in science and math. We will employ two case studies as examples in which we work to understand and develop solutions that address climate change in the fields of energy and forestry. Each case study will take place over a two week period and emphasize the ways that teachers can teach about their particular STEM field in the context of a case study.

Please contact the instructors Lena Fletcher fletche@eco.umass.edu or Alison Bates awbates@eco.umass.edu for further information and permission to enroll.

**Alison Bates**
**Office:** 209 Holdsworth HallNE  
**Email:** awbates@eco.umass.edu  
**Office phone:** 4135451768
(but email is always better)

**Lena Fletcher**
**Office:** 302a Holdsworth Hall  
**Email:** lfletche@eco.umass.edu  
**Office phone:** 4135451799
(but email is always better)

There's the flyer about this course

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**What's happening in Lot 44 north?** (That's the parking lot behind Furcolo Hall)

Construction is underway in Lot 44 on a 7-acre solar array project, which is part of the university's long-term commitment to increasing clean, renewable energy generation on campus. The Lot 44 installation of canopies, similar to those in the parking area behind the Visitors Center, will provide shade for our cars, and along with other solar installations on campus, bring more than 4 Megawatts of renewable solar energy to UMass Amherst. The project is scheduled to be completed by the college's Graduate Student Orientation, August 31. In fact, we will be able to offer students who attend Orientation parking passes for Lot 44. They will be some of the first to benefit from the cooling shade of the solar panels. Read more about this project at [https://www.umass.edu/dcm/campus-solar](https://www.umass.edu/dcm/campus-solar)
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