CGCS Agenda – Dec. 7, 2018

> Individual Program Degree Requirements
> Pearson Test & TOEFL Requirements
> Letter of Recommendation Requirements
> Non-Thesis Track for Admission Processing
> Certificate Review
> Experience S&T – Fully Funded Visit
> Chancellor’s Distinguished Fellowship
> GAANN Awards
> Doctoral Student Travel Grants
> Three Minute Thesis (3MT)
> New Graduate Student Orientation – Jan. 18, 2019
> Upcoming events and deadlines
Individual Program Degree Requirements

> Looking at doctoral degrees and required hours for completion
> Plan to market this information more widely so prospective students are aware of what to expect for degree requirements
Pearson Test (PTE)

> The Pearson Test has been passed by Graduate Faculty as an acceptable verification of English proficiency for Graduate Admission.

- Equivalency:
  - PTE
    - 53
  - IELTS
    - 6.0
  - TOEFL
    - 79

- PTE scores from 10-90. (TOEFL 0-120, IELTS 0-9)
- Test scores valid for two years.
- Tests speaking, reading, listening, and writing.
- 5/15 S&T Comparator institutions have accepted the PTE as evidence of language proficiency:
  - Colorado School of Mines
  - Illinois Institute of Technology
  - Michigan Technological University
  - Rensselaer Polytechnic Institute
  - South Dakota School of Mines

- UM System schools that accept PTE
  - UMSL
  - Mizzou

- Equivalency website: [https://pearsonpte.com/organizations/researchers/score-comparison-vs-competitors/](https://pearsonpte.com/organizations/researchers/score-comparison-vs-competitors/)
Based on current S&T departmental requirements, suggested PTE scores are:

<table>
<thead>
<tr>
<th>Departments</th>
<th>TOEFL</th>
<th>PTE Academic</th>
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</thead>
<tbody>
<tr>
<td>Aerospace Engineering</td>
<td>88</td>
<td>59</td>
</tr>
<tr>
<td>Applied &amp; Environmental Biology</td>
<td>79</td>
<td>53</td>
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<tr>
<td>Ceramic Engineering</td>
<td>88</td>
<td>59</td>
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<tr>
<td>Chemical Engineering</td>
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<td>53</td>
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<tr>
<td>Chemistry</td>
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<td>53</td>
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<tr>
<td>Civil Engineering</td>
<td>88</td>
<td>59</td>
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<tr>
<td>Computer Eng. GPA MS 3.3, PhD 3.5</td>
<td>92</td>
<td>62</td>
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<tr>
<td>Computer Science GPA MS 3.0, PhD 3.2</td>
<td>89</td>
<td>60</td>
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<tr>
<td>Electrical Engineering GPA MS 3.3, PhD 3.5</td>
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<td>62</td>
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<tr>
<td>Engineering Management</td>
<td>92</td>
<td>62</td>
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<td>Environmental Engineering</td>
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<tr>
<td>Explosives Engineering</td>
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<tr>
<td>Geological Engineering</td>
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<td>53</td>
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<tr>
<td>Geology/Geophysics</td>
<td>79</td>
<td>53</td>
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<tr>
<td>Geotechnics</td>
<td>79</td>
<td>53</td>
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<tr>
<td>Information Science &amp; Technology</td>
<td>88</td>
<td>59</td>
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<tr>
<td>Industrial Organizational Psychology</td>
<td>79</td>
<td>53</td>
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<tr>
<td>Manufacturing Engineering</td>
<td>88</td>
<td>59</td>
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<tr>
<td>Materials Science &amp; Eng.</td>
<td>88</td>
<td>59</td>
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<tr>
<td>Mathematics/Statistics</td>
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<td>53</td>
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<tr>
<td>Master of Business Admin.</td>
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<td>59</td>
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<tr>
<td>Mechanical Engineering</td>
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<tr>
<td>Metallurgical Engineering</td>
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<td>Physics</td>
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TOEFL Requirements

> Encouraging departments to reconsider scores
  • Concerns that high TOEFL score requirements are “scaring off” students who come just shy of posted requirements
Letter of Recommendation Requirements

> S&T undergrad or Master’s to higher degree – do you require all three LORs?

> Does your program require all three LORs for each application to:
  • Doctoral
  • Master’s
  • MBA
Admission Requirements

> PTE
> TOEFL revisions
> Letter of Recommendation requirements

> Graduate Studies will email Coordinators/Staff with current requirements and ask that you do an in-depth analysis to determine your program's admission requirements moving forward.
  
  • Consider setting different admission requirements for certificates, master’s, and doctoral applicants.
Non-Thesis Track for Admission Processing

> Working with Admissions/Registrar’s to add “tracks” to master’s applications:
  • Thesis (Research) Track
  • Non-Thesis (Course work only) Track

> Hoping to have this implemented in Slate early in 2019

> Will be tracked in Joe’SS as a “track” (will show up under the sub-plan tab)
  • Will become easier to report on in the future
Certificate Review

> Graduate Studies is reviewing graduate certificates to determine if departments should consider removal of certificates with low/no enrollment.

> Will make recommendations to departments in early 2019
**Experience S&T**

Funded doctoral visit program (departmental match no longer required)

Eligibility:

> Completed Experience S&T application (found [here](#))
> US Citizen, US National, or permanent resident, or an international student currently residing in the US
> Junior, senior or a master’s student (or have completed undergraduate studies or a master’s degree, but not began a doctoral program) and be eligible to pursue a doctoral degree

Reimbursement information:

> $300-$650 reimbursement based on location, plus hotel
> Questions? Contact Matt Vogeler at [vogelerma@mst.edu](mailto:vogelerma@mst.edu).
Department Chairs and Faculty Coordinators can begin nominating prospective doctoral students on Dec. 1

Nomination window closes February 15, 2018

Up to 8 new CDF awards will be given annually.
  • Of the eight awards, up to four will be for underrepresented minorities or female students to help reach the benefit of educational diversity at Missouri S&T.

Can nominate prospective doctoral students starting:
  • Spring 2019 (CDF would go into effect starting SS19)
  • Summer 2019
  • Fall 2019
CDF Eligibility

> Newly admitted to a doctoral program at Missouri S&T.
> Commitment of 50% FTE GRA/GTA/GA provided from the academic department or faculty (which includes full tuition and supplemental fees remittance from the campus).
> Be a U.S. Citizen, Permanent Resident, or U.S. National.
> Minimum 3.5/4.0 CGPA (undergrad or master’s) upon application.
> Nominated for CDF by an academic department at Missouri S&T.
CDF Nomination Process

> Doctoral applicant applies for admission through Slate (no separate CDF application necessary from student).

> Academic Program admits doctoral student with 50% FTE GRA/GTA/GA appointment.

> Academic Department (department chair of designee) fills out nomination form to nominate up to six newly admitted domestic doctoral students.
  • The nomination form should be submitted by February 15.

> Selection Committee reviews applications.
  • All the application materials for admission for applicants nominated by the department, along with academic department doctoral enrollment trends, demographic data, and additional information contributing to a holistic review of all applications will be considered.

> Selection Committee makes award decisions by early March.

> Student and academic department notified of award by mid-March.

> Student accepts or declines CDF award by April 15; academic department notified of response.
CDF Information

FAQs, expectations and guidelines, and more information can be found online at:

- [http://grad.mst.edu/futurestudents/funding/cd_fellowship/](http://grad.mst.edu/futurestudents/funding/cd_fellowship/)
GAANN Awards

Graduate Assistance in Areas of National Need

- Eligibility:
  - Be a U.S. citizen or permanent resident
  - Demonstrate financial need (FAFSA)
  - Be both academically strong and research oriented
  - Have strong GPA and GRE scores (90th percentile)
  - Be accepted into the department Ph.D program providing the grant
  - Meet individual departmental criteria for GAANN funding

GAANN Funding at S&T:

- A full tuition waiver
- Resources to conduct research
- A stipend of up to $34,000* (based on financial need according to the FAFSA)

Awarded 6 New GAANNs with ~5 student spots each:

- Civil Engineering
- Mining Engineering & Computer Engineering
- Mechanical & Aerospace Engineering
- Computer Science
- Engineering Management & Systems Engineering
- Electrical & Computer Engineering

Working on a way to “flag” an application in Slate if the student expresses interest in GAANN
Graduate Student Travel Fund

> On-campus, full time graduate students
> Up to $600 in funding to attend a conference where they have a paper accepted and will be making a presentation
> Students must submit a completed “Graduate Student Travel Fund” form, located at grad.mst.edu/currentstudents/travelfund
  • Copy of program of study
  • Conference announcement
  • Paper acceptance letter
  • Signatures of Department Chair and College Dean
> All requests must be submitted via email to grad@mst.edu.
2019 THREE MINUTE THESIS COMPETITION

PRELIMINARY ROUNDS
WEDNESDAY, FEB. 6
1PM
HAVENER CENTER

SEMI-FINAL ROUNDS
WEDNESDAY, FEB. 6
2:30PM
HAVENER CENTER

FINAL ROUND
THURSDAY, FEB. 7
5:00PM
CARVER-TURNER
HAVENER CENTER

2017 COMPETITION
1st Place: Meagan Kelso
2nd Place: Vineet Alexander
3rd Place: Sherif Fakher

2016 COMPETITION
1st Place: Paul Manley
2nd Place: Michelle Gegel
People’s Choice: Jatin Mehta

2015 COMPETITION
1st Place: Maigha
2nd Place: Joshua Heck
People’s Choice: Paul Manley

JUDGES NEEDED!!
Interested in serving as a judge? Email grad@mst.edu.

Students should apply by January 25
More information and registration directions can be found at grad.mst.edu/events/3mt/
New Graduate Student Orientation

> Friday, January 18, 2019
• 8:30am-3:30pm
• Hasselmann Alumni House
• Presentation/Discussion Topics include:
  > Chancellor’s Welcome
  > Registrar's Office/Using Joe’SS
  > Technology Transfer & Economic Development
  > Avoiding Plagiarism
  > Academic Dishonesty, Student Grievances, GRA/GTA/GA Responsibilities
  > Library Resources
  > Technical Editing
  > Environmental Health and Safety
  > Rolla Chamber of Commerce
  > Diversity Discussion
  > How to Get the most out of your Advisor/Advisee Relationship
  > How to Acquire Graduate Funding
  > University Police
  > Career Opportunities and Employer Relations (COER) & CPT/OPT
  > Counseling and Miner Wellness/Student Health
  > Council of Graduate Students (CGS) & CASB Graduate Student Leadership Council
  > IT, RSS, and Educational Technology
Upcoming Events

December
• **Writing Professional Emails**  
  Fri, Dec 7, 12pm-1pm  
  Norwood 305
• **Stress Relief**  
  Wed, Dec 12, 1pm-3pm  
  Norwood Ground Floor

January:
• Thesis/Dissertation Boot Camp: January 14-18
• 3MT deadline: January 25

More events online! grad.mst.edu/events
CGCS Meeting Dates 2018-2019

> FS2018:
  • September 21, 2018, 140 TOOMEY HALL
  • October 5, 2018, 140 TOOMEY HALL
  • November 16, 2018, 140 TOOMEY HALL
  • December 7, 2018, 120 BUTLER-CARLTON HALL

> SP2019:
  • February 8, 2019, 140 TOOMEY HALL
  • March 15, 2019, 140 TOOMEY HALL
  • April 12, 2019, 140 TOOMEY HALL
  • May 3, 2019, 140 TOOMEY HALL
Thanks for attending!

Next meeting:
February 8, 2019
1-2pm
140 Toomey Hall