Efforts to Enhance a Student–Centered Climate for Teaching and Learning

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*Wednesday, February 1, 2017*
Engaging our Instructors

- 1:1 Consultations across career spans
- Student Feedback (MAPs & COPUS)
- Department & College specific workshops
- OTL campus wide forums/institutes
  - Scholarly Writing Retreats
  - annual Hybrid and Online Teaching Institute
  - Warrior Teaching Days
- WSU campus wide initiatives
  - Accessibility, Assessment, Diversity & Inclusion
  - External grants: SSTEPs, ReBUILDetroit, BEST
  - Orientations (UPTF, GTAs, NFO)
OTL CONSULTATIONS & WORKSHOPS
GROWTH IN UNIQUE PARTICIPANTS

<table>
<thead>
<tr>
<th>Year</th>
<th>Workshops</th>
<th>Consultations</th>
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<tbody>
<tr>
<td>2013-2014</td>
<td>144</td>
<td>110</td>
</tr>
<tr>
<td>2014-2015</td>
<td>200 + 56</td>
<td>183 + 73</td>
</tr>
<tr>
<td>2015-2016</td>
<td>311 + 111</td>
<td>288 + 105</td>
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MID-SEMESTER ASSESSMENT PROGRAM
GROWTH IN INSTRUCTORS & COURSES

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<tbody>
<tr>
<td>Instructors</td>
<td>41</td>
<td>55</td>
<td>85</td>
</tr>
<tr>
<td>Courses</td>
<td>31</td>
<td>76</td>
<td>129</td>
</tr>
</tbody>
</table>

Instructors:
- 2013-2014: 41
- 2014-2015: 55 (increase of +24)
- 2015-2016: 85 (increase of +30)

Courses:
- 2013-2014: 31
- 2014-2015: 76 (increase of +35)
- 2015-2016: 129 (increase of +53)
MID-SEMESTER ASSESSMENT PROGRAM
GROWTH IN STUDENT IMPACT

NUMBER OF STUDENTS

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Students</th>
<th>Change</th>
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<tbody>
<tr>
<td>2013-2014</td>
<td>1032</td>
<td></td>
</tr>
<tr>
<td>2014-2015</td>
<td>3399</td>
<td>+2367</td>
</tr>
<tr>
<td>2015-2016</td>
<td>5283</td>
<td>+1884</td>
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= 1 student
Student Success Through Evidence Based Pedagogies (SSTEP)

Program Goals

- Initiate SSTEP Fellows Program
- Assess faculty teaching practices
- Continue workshops to promote adoption of evidence-based pedagogies
- Expand Learning Assistance Program
- Enhance GTA Training
- Engage 2-yr colleges to improve transfer success
2016 SSTEP Fellows

- **Project 1: Reforms of BE1500**
  Jeff Potoff, Darin Ellis and Kristina Lenn

- **Project 2: Intro Physics for Life Sciences**
  Peter Hoffmann, Matt Gonderinger, Ashis Mukhopadhyay, Kaur Padmanabhan, Takeshi Sakamoto
2016 SSTEP Fellows

- Project 3: Effective Mathematics Instruction for Learning and Teaching (Mat1110/1120)
  Robert Bruner, Jennifer Lewis, Chris Nazelli, Asli Ozgun–Koca and Deborah Zopf (HFC)

- Project 4: Transition to Abstract Mathematics, MAT2250 and MAT5070
  Fatih Celiker, Catherine Lebiedzik, Pei–Yong Wang
Inventory of Teaching Practices and Attitudes

Surveyed STEM faculty in Fall 2013

Repeated survey in Fall 2016 (STEM and non-STEM)

Small changes in attitude measured in 2 STEM depts

Faculty report much greater engagement with OTL and attendance at teaching-related professional development
FACULTY SURVEY COMPARISON

What is the frequency with which you have attended teaching workshops or events at the OTL?

- A few times per year: 28% (2013) vs. 20% (2016)
- Once per year: 7% (2013) vs. 6% (2016)
- Never: 47% (2013) vs. 45% (2016)
- Other: 1% (2013) vs. 0% (2016)

Survey data from 2013 (n=92) and 2016 (n=97).
OTL Next Steps...

- Thank-A-Teacher & Course Video Introductions Program

- Winter 2017 Forum
  - Dr. Saundra McGuire, Tuesday, March 28th, 2017

- MAPs
  - February 13 – March 10th, 2017

- OTL Annual Reports
  - 2013–2014
  - 2014–2015
  - 2015–2016
    - http://otl.wayne.edu/about/history.php