Evaluating the Rural and Urban Scholars Pathways Program: Outcomes after 4 Years

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History of the Rural and Urban Scholars Pathways (RUSP) Program

- Started with **8 students** in 2013 - **(82 students in 2017)**
- Funded by the Osteopathic Heritage Foundations to produce primary care physicians to serve in rural and urban underserved communities in Ohio
- Intentional mix of rural and urban underserved focus
- Co-curricular
- Students can enroll at any point
- Students self-select
Outcomes: Knowledge, Skills, Abilities

<table>
<thead>
<tr>
<th>Students develop</th>
<th>Measures</th>
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</thead>
<tbody>
<tr>
<td>• skills in <strong>reflective practice</strong></td>
<td>Interviews, Reflections</td>
</tr>
<tr>
<td>• <strong>leadership skills</strong> in team settings</td>
<td>Interviews, Reflections</td>
</tr>
<tr>
<td>• <strong>competencies</strong> relevant to rural and urban underserved practice</td>
<td>Interviews, Reflections</td>
</tr>
<tr>
<td>• understanding of <strong>scope and nature of practice</strong> in rural/urban underserved settings</td>
<td>Interviews, Reflections</td>
</tr>
<tr>
<td>• <strong>increased awareness</strong> of local community assets and sense of place</td>
<td>Interviews, Reflections</td>
</tr>
<tr>
<td>• understanding of <strong>health</strong> in rural and underserved setting</td>
<td>Interviews, Reflections</td>
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# Outcomes - Dispositional, Attitudinal

<table>
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<tr>
<th>Students</th>
<th>Measure</th>
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<tr>
<td>• Build resilience</td>
<td>Interviews</td>
</tr>
<tr>
<td>• Build self-efficacy</td>
<td>Bi-annual scale</td>
</tr>
<tr>
<td>• Are more inclined toward rural and urban underserved practice</td>
<td>Bi-annual scale; Interviews; Match</td>
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<tr>
<th>Faculty development indicators</th>
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<tbody>
<tr>
<td>Faculty perceive a positive benefit from coaching and facilitating Clinical Jazz</td>
<td>Annual Survey</td>
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### Program Indicators

<table>
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<th>Outcome</th>
<th>Program Indicators</th>
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<tr>
<td>Students choose primary care</td>
<td>• <strong>Residency specialty choice</strong> of graduating RUSP students</td>
</tr>
<tr>
<td></td>
<td>• Number and percentage of RUSP students</td>
</tr>
<tr>
<td></td>
<td>• <strong>working as PCP</strong></td>
</tr>
<tr>
<td></td>
<td>• <strong>practicing in Ohio</strong></td>
</tr>
<tr>
<td>Students choose to practice in Ohio</td>
<td>• Number and percentage of RUSP students practicing in Ohio</td>
</tr>
</tbody>
</table>

* 5 years after graduation
## Program Indicators

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<tbody>
<tr>
<td>Students choose <strong>rural and urban underserved practice</strong></td>
<td>Number and percentage of RUSP students working as PCP in</td>
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</tbody>
</table>
| | • Rural areas (by RUCA code)*,  
| | • Rural areas *in Ohio* (by RUCA code) *  
| | • Health Physician Shortage area (HPSA)  
| | • HPSA *in Ohio*  
| | • Medically Underserved Area (MUA)  
| | • MUA *in Ohio* |

* 5 years after graduation
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| Students choose **generalist specialties of primary importance (GSPI)** in rural and underserved communities | - Residency Specialty choice of graduating RUSP students  
- Number and percentage of RUSP students working as GSPI in:  
  - Rural areas *(by RUCA code)*  
  - Rural areas *in Ohio (by RUCA code)*  
  - Health Physician Shortage area (HPSA)  
  - HPSA *in Ohio*  
  - Medically Underserved Area (MUA)  
  - MUA *in Ohio* |

* 5 years after graduation
Piles of Data
Data, Data Everywhere...

Ongoing (Monthly)
- Workshop evaluations
- Workshop reflections
- Clinical Jazz evaluation
- Clinical Jazz reflections
- Summer immersion reflections
- Coaching reflection forms

Annually
- End of the year student survey
- End of the year faculty survey
- Graduating cohort interviews
- Self-efficacy survey
- Rate each of the following components of the RUSP program on its usefulness to you.
Data, Data Everywhere...

- Program enrollment
- Program Retention data
- Graduation data
- Residency choice
- Match data

Specialty:
- Emergency Medicine
- Family Medicine
- General Surgery
- Internal Medicine
- Obstetrics and Gynecology
- Pediatrics
- Psychiatry
- Traditional
- Traditional Rotating Internship
2017 Match

18 Graduates

- 72% Matched in Primary Care*
- 67% Matched In Ohio
- 50% Primary Care in Ohio

*Includes family med., pediatrics and internal medicine
Questions for you

1. Which data are most important in understanding program effectiveness? (e.g. quantitative measures, students' reflections)

2. How do I maintain objectivity while completing qualitative components of the evaluation of the program I direct?

3. How do I annually incorporate longitudinal data into my understanding of program effectiveness?