Overview

2015 was the first year of WUN membership for the University of Massachusetts Amherst. Our institution began to actively engage in WUN on many levels, beginning with the 2015 AGM in Hong Kong. Several faculty members and academic leaders from UMass are now involved in steering committee roles in the WUN: UC (Elizabeth Chilton), RCC (Om Parkash), and GHEAR (Joseph Berger, who was appointed in October 2015 as GHEAR Chair). We were also able to appoint two distinguished faculty members to two WUN cross-cutting groups: Economics Group (Gerald Friedman) and Global Africa Group (Léonce Ndikumana).

Our initial work and impact resulting from WUN activities are an early stage, such that we are unable to report much impact 2015. We look forward to a year of productive engagement in 2016.

We enjoyed the chance to host get-acquainted visits by several WUN-affiliated leaders in 2015. These included: Robyn Owens, Univ. of Western Australia, Jul. 9, 2015; Jon Price, Univ. of Sheffield, Sept. 23, 2015; Judith Berman, Coordinator, Univ. of Western Australia, Sept. 29, 2015; David Hogg, Pro-Vice-Chancellor for Research and Innovation, University of Leeds, and AAG Chair, Oct. 22, 2015. We look forward to future collaborations with these WUN partners.

Driving Research Collaboration

UMass applied for three RDF projects in the 2015 round and were selected to lead two of them. These have now launched as IRGs and the teams are at work:

- **Air Sensors Everywhere** (Public Health). Richard Peltier, PI. Partners: York, Ghana, Sydney, Leeds, and Bristol. Also: 5 WUN+ institutions; 2 other partners.

3 other unsuccessful RDF submissions in 2015 included UMass Amherst faculty PIs or collaborators:

- **In-Herit: The Role of Heritage in Ontological Security and Community Resilience**, Elizabeth Brabec, PI.
- **Economics Cross-Cutting Theme** (Univ. of Maastricht lead), Gerald Friedman, UMass collaborator.
- **Meat Production, Climate Change and the Political Economy of Animal Life** (Univ. of Sheffield lead), Timothy Pachirat, UMass collaborator.

Finally, one faculty member (Elena Carbone, Nutrition) joined the Health Literacy Network in 2015 and has been collaborating with team members from this IRG on developing new funding opportunities. A number of our faculty members and academic leaders will attend the AGM in Maastrict, and this will allow us to explore more deeply potential collaborations as part of the network:

- Prof. Katherine Newman, Provost, Partnership Board
- Prof. Elizabeth Chilton, Assoc Vice Chancellor for Research & Engagement, Academic Advisory Group
- Michael Wright, Research Development Specialist, Coordinators Group
- Prof. Major Aelion, Dean of the School of Public Health and Health Sciences: AGM and Global Health Partnership Workshop
- Prof. Leone Ndikumana: China Workshop and AGM
- Prof. Elena Carbone: Global Health Partnership Workshop and AGM
- Prof. Gerald Friedman: Economics Workshop and AGM
- Prof. Om Parkash: AGM
- Joe Berger: AGM.

Academic Career Development

UMass Amherst does not currently have a Research Mobility program in place for researchers to receive travel support to engage in collaboration at WUN institutions. However, the two RDF projects that were funded in 2015 each included research mobility activities in their programs., and we are exploring funding models to consider this moving forward.

Increased external funding
We have no data thus far to report regarding external funding attributable to WUN collaborations.

**Increased quality & quantity of publications**

We have no data thus far to report regarding publications attributable to WUN collaborations.

**Policy Input**

While not an example of formal policy input, as part of the Jon Price (Sheffield) visit in September 2015 we organized a half-day workshop with regional economic development and manufacturing company leaders in our surrounding region featuring the Sheffield, U.K. experience in academic-industry-government collaboration in advanced manufacturing. This workshop was very helpful in getting local leaders to understand global manufacturing and education/training challenges from a fresh perspective. In this respect, the WUN connection to Sheffield and Jon Price was invaluable to our efforts at bringing thought leaders in our immediate region together on this topic area.

**WUN Track Record and Metrics**

At each section below, enter whole numbers for each metric, followed by a listing of the outputs used to achieve that number.

<table>
<thead>
<tr>
<th>Metric</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refereed Academic Publications</td>
<td></td>
</tr>
<tr>
<td>List: Please provide details of all refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.</td>
<td>Nothing to report for 2015</td>
</tr>
<tr>
<td>External funding secured</td>
<td></td>
</tr>
<tr>
<td>List: Please provide details of all funding catalysed by WUN collaboration. Include funding applications that are submitted but pending.</td>
<td>Nothing to report for 2015</td>
</tr>
<tr>
<td>Major conferences</td>
<td></td>
</tr>
<tr>
<td>Conferences of WUN research groups with more than 40 delegates present</td>
<td></td>
</tr>
<tr>
<td>List: Please provide details of any conferences hosted by a WUN research groups with more than 40 delegates.</td>
<td>Nothing to report for 2015</td>
</tr>
<tr>
<td>Inbound mobility from WUN partners</td>
<td>Robyn Owens, Univ. of Western Australia, Jul. 9, 2015; Jon Price, Univ. of Sheffield, Sept. 23, 2015; Judith Berman, Coordinator, Univ. of Western Australia, Sept. 29, 2015; David Hogg, Pro-Vice-Chancellor for Research and Innovation, University of Leeds, and AAG Chair, Oct. 22, 2015.</td>
</tr>
<tr>
<td>Outbound mobility to WUN partners</td>
<td>Nothing to report for 2015</td>
</tr>
<tr>
<td>Policy impact</td>
<td></td>
</tr>
<tr>
<td>Count instances of policy impact</td>
<td></td>
</tr>
<tr>
<td>List: Please provide details of any policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees.</td>
<td>Nothing to report for 2015</td>
</tr>
</tbody>
</table>

2015