# Pathway 1: Serving our state Catalyzing Maine's Revitalization

### Pathway One Data Sources: Offices & Organizations

- Office of Innovation and Economic Development (OIED)
  - Contact: Chris Coplin
- Maine Economic Improvement Fund (MEIF)
  - State appropriation to the University of Maine System, for investments in R&D leading to commercialization in Maine's seven technology sectors. MEIF Annual Reports are on UMaine website.
  - o Contact: Jenn Baker
- Research Reinvestment Fund part of the Research Reinvestment Initiative (RRF)
  - Contact: Jason Charland
- Experimental Program to Stimulate Competitive Research (EPSCoR)
  - Contact: Shane Moeykens
- Office of Research and Sponsored Programs (ORSP)
  - Grants and contract data
  - Contact: Chris Boynton
- Cooperative Extension
  - Contact : John Rebar
- Maine Technology Asset Funds (MTAF)
  - State R&D Bonds award through a competitive process, run by the Maine Technology Institute, funding facilities and equipment in the State's designated seven technology sectors (same sectors for MEIF)
- Maine Accelerates Growth Initiative (MxG)
  - Accelerates the growth of companies, communities, and talent by funding, creating, and leveraging high impact entrepreneurship and innovation programs and events through a collaborative and complementary network of organizations and individuals propelling prosperity across Maine. UMaine is founding partner
  - Contact: Renee Kelly
- Innovate for Maine Fellowships (IFM)
  - Innovation oriented student internships with Maine companies run by the Foster Center for Student Innovation
  - Contact: Angela McCue
- Signature and Emerging Areas
  - Contact: Provost Office
- Office of Institutional Research (OIR)

#### Maine's Seven Sectors (Established by Maine Legislature and map to MEIF):

- Advanced Technology for Forestry and Agriculture
- Aquaculture/Marine
- Biotechnology
- Composites
- Environmental Technology
- Information Technology
- Precision Manufacturing

#### Pathway One Data Sources: Contacts

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## Pathway 1: Serving Our State: Catalyzing Maine's Revitalization Pathway Initiatives

- 1. Enhance our impact on the economic and social fabric of Maine, including strengthening existing campus/private sector partnerships, while increasing our total partnerships by 50% by 2017.
  - Partnership with a contract vehicle: OIED Annual Report, MEIF Annual Report
  - Partnership without a contract vehicle: Cooperative Extension Annual Report
  - Informal partnerships: Do colleges include this in their reporting? Faculty reports?
    - There is a faculty reporting database is overseen by the Office of Institutional Research - Ted Coladarci

- o <a href="https://library.umaine.edu/fsprofile/about.aspx">https://library.umaine.edu/fsprofile/about.aspx</a>
- 2. Continue to match and more closely align UMaine research strengths with the seven Maine Technology Sectors for Economic Development.

#### Match/Align

- Signature & Emerging areas process (Provost)
- Establishment of Research Reinvestment Fund (seven sectors plus business & health)
  - Jason Charland
- New Investment in STEM (Provost)
- New MEIF FY2016/17 increase in state funding for MEIF \$1.8 /year
  - OVPR Staff (Jenn Baker)
- NSF EPSCoR SeaNet results Shane Moeykens
- Latest rounds of MTAF, April 27, 2015 Jake Ward
- MEIF Reports award by sector Web reports or Jake Ward
- 3. Align technology and educational programs with Maine's economic development needs.
  - Blackstone/MxG Innovate for Maine Fellowship Angela McCue
  - Flagship Internship Renee Kelly
  - UMaine investments in critical disciplines to Maine Provost Hecker
- 4. Reaffirm and integrate the core goals of a liberal arts education in community/culture with innovation and economic development.
  - Maine Humanities Center
    - Jennifer Moxley
    - Jeff St. John
  - Students in Innovation Engineering by discipline Angela McCue/Student Records
- 5. Prepare UMaine graduates for Maine's future workplace needs.
  - Innovate for Maine Student Fellowships and programmatic details- Angela McCue
  - Other College based programs, Career Center Programs
  - Graduate School, Academic Units that track students post-graduation, Alumni Association, and Life After UMaine Survey
    - OIR/Ted Coladarci
- 6. Increase commercialization and the number of small businesses developed as a result of technology spin-offs.
  - OIED data annual reports, Kris Burton
    - UpStart Center for Entrepreneurship (formerly Target Technology Incubator)
    - o Center for Cooperative Aquaculture/Maine Aquaculture Innovation Center reports
  - MEIF Reports
  - RRF Reports
- 7. Enhance UMaine organizational support for promoting regional economic impact.
  - Reorganization and creation of Office of Innovation and Economic Development Jake Ward
- 8. Use our resources to highlight Maine's rich cultural heritage, and relate the arts and humanities better to economic development.
  - Collins Center for the Arts: Changes, programming and offerings Danny Williams
  - Fogler Library Resources: State wide, serving Maine Schools and Library Network, supporting public libraries, etc.— Joyce Rumery
  - Hudson Museum
  - University of Maine Museum of Art Expansion of downtown Bangor, supporting and partnering with Maine museums and art programs/art camps
    - George Kinghorn

- Innovative Media and Commercialization Center (IMRC), Owen Smith
  - FLOW series (Thomas Hill Standpipe & Fort Knox
  - Visiting artists/fellows (e.g. William Yellow Robe tribal theatre performance)
  - Film series, student showcase, etc.)
- Maker/Hacker Space in the Union,
  - Peter Schilling
  - Jeff St. John
- 9. Continue to increase support in signature strength areas, including engineering, environmental and sustainability studies, renewable energy, alternative fuel research, STEM education and literacy.
  - Signature Areas Provost/VPR
    - https://umaine.edu/provost/academic-affairs-faculty-forums/signature-and-emerging-programs/
- 10. Identify, promote and invest in key emerging growth areas, such as biomedical sciences, new media, and the arts and humanities
  - Emerging Areas Provost/VPR
  - https://umaine.edu/provost/academic-affairs-faculty-forums/signature-and-emerging-programs/
  - Look at new hire cohorts and sort by sig/em area for initiatives #9 & #10
    - o 2016: <a href="https://umaine.edu/provost/new-faculty-2016-17/">https://umaine.edu/provost/new-faculty-2016-17/</a>
    - o 2015: https://umaine.edu/provost/new-faculty-2015-16/
  - Look at Sig/Em Academic Affairs faculty forum presentation from 5/26/15, on Academic Affairs site, https://umaine.edu/provost/academic-affairs-faculty-forums/academic-affairs-faculty-forums-fall-2013-spring-2016/