

Updated 10/23/2023

RALPH A. HEIDL, PH.D.

Department of Management, University of Oregon
Lundquist College of Business
Eugene, OR 97403-1208
Email: heidl@uoregon.edu

Education

Foster School of Business, University of Washington	<i>Seattle, WA</i>
Doctor of Philosophy, Strategic Management & Technology Entrepreneurship	<i>2010</i>
Smeal College of Business, The Pennsylvania State University	<i>University Park, PA</i>
Master of Science, Management Science and Information Systems	<i>2000</i>
College of Earth and Mineral Sciences, The Pennsylvania State University	<i>University Park, PA</i>
Master of Science in Environmental Pollution Control / Environmental Engineering	<i>1994</i>
Master of Science in Geography	

Research Interests

- Collaborative networks and innovation
- Strategic entrepreneurship and value capture
- Technology strategy and intellectual property markets

Academic Appointments

University of Oregon	<i>Eugene, OR</i>
Associate Professor	<i>since 2019</i>
Assistant Professor	<i>2015-2019</i>
Department of Management, Lundquist College of Business	
Michigan State University	<i>East Lansing, MI</i>
Assistant Professor, Department of Management, Eli Broad College of Business	<i>2010-2015</i>
University of Tasmania	<i>Hobart, TAS</i>
Lecturer, Department of Surveying, School of Engineering	<i>1996-1997</i>

Refereed Publications

**denotes graduate student co-author at the time of acceptance*

McDonald, A. T., Pulaski, D., **Heidl, R.** (2023). Magnetic tower: Within and between-team collaboration experiential exercise. *Journal of Education for Business*, **98**(6), 338-346.

Chari, M., Steensma H.K., Connaughton, C. & **Heidl, R.**, (2022) The influence of Patent Assertion Entities on Inventor Behavior. *Strategic Management Journal*. **43**(8) 1666-1690

Guo, Z.*, **Heidl R.**, Hollenbeck, J., A. Yu, A. & Howe, M. (2022) When Discretionary Boundary Relationships Cease Becoming Discretionary: Open Versus Closed Ties and Informal Leadership. *Journal of Applied Psychology*. **107**(6) 898-916

Kim, J.Y., Steensma H.K. & **Heidl R.** (2021) The Configuration of Inventor Networks within Firms and their Capacity to Absorb External Technologies. *Academy of Management Journal*. **64**(5) 1527-1552

Matusik, J.*, **Heidl R.**, Lee, H.*, Hollenbeck, Howe, M., Yu, A.*, & Calantone, R. (2019) Wearable Bluetooth sensors for capturing relational variables and temporal variability in relationships: A construct validation study. *Journal of Applied Psychology*. **104**(3) 357-387

Chaffin, D.*, **Heidl R.**, Hollenbeck, J., Howe, M., Yu, A.*, Calantone, R., & Voorhees, C. (2017). The promise and perils of wearable sensors in organizational research. *Organizational Research Methods*. **20**(1) 3-31

Steensma H.K., Chari, M.*, & **Heidl, R.** (2016) The role of patent assertion entities in markets for intellectual property rights. *Organization Science*. **27**(1) 2-17

Steensma H.K., Chari, M.*, & **Heidl, R.** (2015) The quest for expansive intellectual property rights and the failure to disclose known relevant prior art. *Strategic Management Journal*. **36**(8) 1115-127

Heidl R., Steensma H.K. & Phelps, C. (2014) Divisive faultlines and the unplanned dissolution of multi-partner alliances. *Organization Science*. **25**(5) 1351-1371

Phelps C., **Heidl R.**, & Wadhwa A. (2012) Knowledge, networks, and knowledge networks: A Review and Research Agenda. *Journal of Management*. **38**(4) 1115-1166

Other Publications

Heidl, R., Padmanabhan, P. (2023) Non-Human Agency in Organizations: Embedded Exchange with Augmenting Technologies. *Academy of Management Proceedings*, Boston, MA, USA

McDonald, A. & **Heidl, R.** (2019) Tensor Decomposition of Continuous Relational Variables: Finding Emergent Structures. *Academy of Management Proceedings*. Boston, MA, USA

Kim, J.Y., Steensma, H.K., & **Heidl, R.** (2018). Absorptive capacity and intraorganizational network structures. *Academy of Management Proceedings*. Chicago, IL, USA

Heidl, R., Guo, Z., Yu, A., & Howe, M. (2018). The impact of informal boundary spanning bridges on leadership emergence. *Academy of Management Proceedings*. Chicago, IL, USA

Heidl, R., Steensma, H.K. & Phelps, C. (2016). Coopetition in Multipartner Alliances: Knowledge Flow between Strangers among Friends. *Academy of Management Best Paper Proceedings*. Anaheim, CA, USA

Chaffin, D., **Heidl, R.**, Chari, M. & Calantone, R. (2013). The role of examiner workload and applicant reputation in intellectual property protection. *Academy of Management Best Paper Proceedings*. Orlando, FL, USA.

Heidl R. & Phelps C. (2010). The influence of interorganizational embeddedness on multi-partner alliance stability. *Academy of Management Best Paper Proceedings*. Montreal, QC, Canada.

Working Papers

Heidl R., Howe, M., Yu, A.*, & Hollenbeck, J. Multiplexity in the Workplace: Task Complementarity vs Relational Scope

Heidl, R., Asgari, N., Bruyaka, O., & Hoehn-Weiss, M. When does collaborative success promote inertia vs change in alliance portfolios?

Heidl, R. & Padmanabhan, P., Non-Human Agency in Organizations: Embedded Exchange with Augmenting Technologies

Hollenbeck J., Burgess, B., **Heidl, R.**, Connolly T., Boora L., Wong H., & Coley, T. The Changing Nature of Work: Relational job design and Covid-19 Contact Tracing

Grants

National Science Foundation (2020). RAPID: The Changing Nature of Work: Dynamic Reconfiguration and Visualization in the Context of Covid-19 Contact Tracing. (\$200,000) with Hollenbeck, J.

The Lundquist College of Business Kageyama Grant (2018). Capturing Activity Systems' Dynamics with Wearable Proximity Sensors (\$4,150)

The Eli Broad College of Business Summer Grant (2014). Organizational antecedents and consequences of intellectual property transfers to patent assertion entities (\$12,092)

The Eli Broad Department of Management Advisory Board Stride Fund (2013). Patent assertion entities: Innovation accelerators or inhibitors? (\$5,000)

The Eli Broad College of Business Summer Grant (2013). Multi-partner alliance negotiation and network evolution: The role of personal values and power (\$15,121)

National Science Foundation (2012). Formal and informal boundary spanning in multiteam systems: triadic influences on knowledge generation and innovation in scientific teams. (\$1.1 MM) with Hollenbeck, J., Calantone, R., and Carlo, J.

The Eli Broad College of Business Institute for Entrepreneurship and Innovation (2010). Network evolution in entrepreneurship (\$10,000) with Yao, X. & Calantone, R.

Awards

- Journal of Management – Scholarly Impact Award (2017)
- Academy of Management Entrepreneurship Division Best Empirical Paper Award (2013)
- Dean's Achievement Award (highest GPA and comprehensive exam scores in cohort), Foster School of Business, University of Washington (2006)

-
- Overseas Postgraduate Research Scholarship (OPRS), Centre for Resource and Environmental Studies, Australian National University, Australia (1995)
 - Earth Systems Science Fellowship, Department of Geography, PennState University (1991)

Conference Presentations

**denotes presentation by co-author*

***Heidl, R.** & Padmanabhan, P. (2023) Academy of Management Annual Meeting, "Non-Human Agency in Organizations: Embedded Exchange with Augmenting Technologies," Annual Meeting of the Academy of Management, Boston, MA, USA

*Hollenbeck J., Burgess, B., **Heidl, R.**, Connolly T., Boora L., Wong H., & Coley, T. (2021) The Changing Nature of Work: Dynamic Reconfiguration and Visualization in the Context of Covid-19 Contact Tracing, NSF Science of Organizations RAPID Covid Program of Research

Heidl, R. & Asgari, N. (organizers) (2021) Panel Discussion - The next frontier: Interplay of organizational structure and firm cooperative strategies (with Kleinbaum, A., Davis, J., Flaminzeanu, D. & Mitchell, W.). Annual Meeting of the Strategic Management Society. Toronto (remote). Canada

*Chari, M., Steensma, K., & **Heidl, R.** (2021) The influence of Patent Assertion Entities on Inventor Behavior. Annual Meeting of the Academy of Management (remote)

Kim, J.Y., Steensma, H.K., & **Heidl, R.** (2018). Absorptive capacity and intraorganizational network structures. 16th Westcoast Research Symposium on Technology Entrepreneurship. Seattle, WA, USA (scheduled)

*Kim, J.Y., Steensma, H.K., & **Heidl, R.** (2018). Absorptive capacity and intraorganizational network structures. Annual Meeting of the Academy of Management. Chicago, IL, USA (scheduled)

***Heidl, R.**, Guo, Z., Yu, A., & Howe, M. (2018). The impact of informal boundary spanning bridges on leadership emergence. Annual Meeting of the Academy of Management. Chicago, IL, USA (scheduled)

*Kim, J.Y., Steensma, H.K., & **Heidl, R.** (2018). Absorptive capacity and intraorganizational network structures. Strategy Science Conference at Wharton. Philadelphia, PA, USA

Heidl R. (2017). PDW Multilevel methodological advances: Wearable sensor systems. Annual Meeting of the Academy of Management. Atlanta. GA

Bruyaka, O., Lumineau, F. and **Heidl R.** (2017). PDW Alliance dynamics and instability: Antecedents of alliance instability. Annual Meeting of the Academy of Management. Atlanta. GA

*Matusik, J., **Heidl R.**, Hollenbeck, J., Lee, H. and Yu, A. (2017). Validity and utility of bluetooth-based proximity sensors in organizational research. Annual Meeting of the Academy of Management. Atlanta. GA

Heidl, R. (2016) The stability of multipartner alliances. Annual Meeting of the Strategic Management

Society. Berlin. Germany

Heidl R., Steensma H.K., & C. Phelps (2016). Coopetition in multi-partner alliances: Knowledge flow between strangers among friends. Annual Meeting of the Academy of Management. Vancouver. BC

*Yu, A., **Heidl R.**, Hollenbeck, J., & Howe, M. (2016) Multiplex networks and individual outcomes in large scale scientific work. INSNA Sunbelt XXXVI. Newport Beach, CA

Chari, M., Steensma, K., & **Heidl, R.** (2015) The influence of patent assertion entities on the locus and quality of patented invention. Annual Meeting of the Strategic Management Society. Denver. CO

*Chaffin, D., **Heidl R.**, Hollenbeck, J., Howe, M., Yu, A., Calantone, R., & Voorhees, C. (2015) The promise and perils of wearable sensors in organizational research. Annual Meeting of the Academy of Management. Vancouver. BC

Heidl R., Hollenbeck, J., Howe, M., Yu, A., Calantone, R., & Voorhees, C. (2015) The impact of informal ties on performance of individuals and teams embedded in multiteam systems. Annual Meeting of the Academy of Management. Vancouver. BC

Chaffin, D., **Heidl, R.**, Chari, M. & Wiseman, R. (2014) The role of examiner workload and applicant status in the patent evaluation process Annual Meeting of the Strategic Management Society. Madrid

*Chaffin, D., **Heidl, R.**, Chari, M. & Calantone, R. (2013) The Role of Examiner Workload and Applicant Reputation in Intellectual Property Protection. Annual Meeting of the Academy of Management. Orlando. FL

*Steensma H.K., Chari, M., & **Heidl, R.** (2012) The assessment of invention novelty and the failure of inventors to reveal relevant prior art. Annual Meeting of the Academy of Management. Boston. MA

*Chari, M., Steensma H.K., & **Heidl, R.** (2012) Patent traders or trolls: Innovation accelerators or inhibitors. Annual Meeting of the Academy of Management. Boston. MA

Heidl R. & Yao, X. (2011) Founder characteristics and the social psychological mechanisms of entrepreneurial network development. INSNA Sunbelt XXXI. St. Pete, FL

Heidl R., Steensma H.K., & Phelps C. (2010) Knowledge transfer within multi-partner alliances: The influence of relational embeddedness and power. Annual Meeting of the Academy of Management. Montreal, QC

Heidl, R., Phelps C., & Steensma H.K. (2010) The influence of inter-organizational embeddedness on the stability of multi-partner alliances. Annual Meeting of the Academy of Management. Montreal, QC

Westerman, G., Clemons, E., **Heidl, R.**, & Kumar, S. (2006) What are the key dimensions and issues of team level innovation? Seattle Innovation Symposium. Seattle. WA

Teaching Experience

Lundquist College of Business, University of Oregon

MGMT 455 – Implementing Entrepreneurial Strategy / Corporate Entrepreneurship (SP 2020, 2021, 2022)

BA 732 – Technology and Innovation Management (Winter 2019, 2020, 2021, 2022)

BA 453 – Business Strategy and Planning (Winter, Spring, Fall 2016)

MGMT 410/510 – Technology and Innovation Management (Spring 2017, 2018, 2019, 2020, 2021 Winter 2019, 2021, 2022)

MGMT 335 – Launching New Ventures (Spring 2017, 2018, 2019, 2022 Winter 2018, 2020)

Broad College of Business, Michigan State University

MGT 852 – Entrepreneurship: Recognizing New Venture Opportunities (Spring 2015)

MGT 853 – Entrepreneurship: Exploiting New Venture Opportunities (Spring 2015)

MGT 409 – Business Policy and Strategic Management (Spring 2013)

MGT 454 – Technology Entrepreneurship (Fall 2012, 2013)

MGT 912 – Innovation Management and Technology Entrepreneurship (Spring 2011)

MGT 352 – Entrepreneurship: New Venture Process (Fall 2010 - 2015)

Foster School of Business, University of Washington

MGMT 430 - Strategic Management (Winter 2005, Spring 2005, Summer 2005, Winter 2006).

ENTRE 370 - Introduction to Entrepreneurship (Fall 2007).

College of Agriculture, Pennsylvania State University

Object-Oriented Programming for Spatial Information Systems (Professional extension).

Environmental Decision Support Systems (Professional extension).

College of Engineering, University of Tasmania

SIS I - Introduction to Spatial Information Systems (Summer 1996).

SIS II - Spatial Information Systems II (Winter 1996).

College of Earth and Mineral Sciences, Pennsylvania State University

GEOG 497A – Applied Geographic Information Systems (Summer 1993)

Service Activities

Professional Service

- Editorial Board: *Academy of Management Journal* (2019-), *Group & Organization Management* (2017-2019)
- Reviewer: *Academy of Management Review* (2021-), *Administrative Science Quarterly* (2018-), *Academy of Management Journal* (2014-), *Journal of Management Studies* (2014-), *National Science Foundation* (2016-), *Strategic Management Journal* (2015-), *Journal of Management* (2018-)
- Representative-At-Large: *Strategic Management Society Interest Group (IG) Cooperative Strategy* (2020-)

University of Oregon Service

- *PhD Committee Member, Jung Hyun Kwon (Organization, Strategy, and International Management at University of Texas at Dallas, formerly at University of Oregon), Fall 2019-Spring 2022*
- *PhD Committee Member, Kevin O' Hare (Political Science), Fall 2016-Spring 2021*
- *Member of the University of Oregon International Scholars Committee (2016 - 2018)*
- *Thesis Chair, Gabri Chodosh (Honors College), Spring 2015-Spring 2017*

- *Thesis Chair, David Pulaski (Honors College), Spring 2018-Spring 2020*

Lundquist College of Business and Department Service

- *Member of Search Committee for 3 Assistant Professor of Management, Spring 2016 – Fall 2023*
- *Head, Department of Management and Organization, Lundquist College of Business (SP 2022)*
- *Member Lundquist College of Business Promotion and Tenure Committee (Fall 2021, Winter 2022)*
- *Chair Lundquist College of Business Undergraduate Program Committee (FA 2019)*
- *Member Lundquist College of Business Undergraduate Program Committee (FA 2018 – SP 2020)*
- *Member Lundquist College of Business MBA Academic Committee 2017/2018*
- *Member of Search Committee for 2 Open Rank Professor of Management (OB), Spring 2016 – Fall 2016*
- *Member of Search Committee for 4 Open Rank Professor of Management (OB), Fall 2018 – Spring 2019*
- *PhD Committee: read qualifying exams and reviewed applications for admission, Winter-Spring 2015/2016; Winter-Spring 2016/2017; Winter-Spring 2017/2018;*
- *Course Coordinator for MGMT 335 Launching New Ventures, Fall 2018*

Oregon Community Service

- *Mentor at the Regional Accelerator & Innovator Network (RAIN)*
- *Advisory Board Member on several local venture creation efforts*

Professional Memberships

- *Member, Academy of Management - BPS/TIM/ENT divisions (2005-)*
- *Member, Strategic Management Society (2008-)*
- *Member, International Network for Social Network Analysis (2006-)*

Industry Experience

Program/Development Manager

- *Managed product definition, development planning and execution for an early stage technology venture*

*Movilitas GmbH
(acquired by Honeywell 2016)
Mannheim, Germany
2008*

Development Architect

- *Managed development of solution architecture for international mobile project teams in strategic development projects*
- *Advised top level management on performance improvement and application enhancement strategies*

*SAP AG
Walldorf, Germany
2002-2004*

Product Manager

- *Conducted competitive analysis, developed business cases, and directed customer requirements workshops*
- *Specified pharmaceutical industry requirements and raised funds for application development targeting handheld devices*

*SAP AG
Walldorf, Germany
2000-2002*

Other Skills and Interests

Languages

- *German (native), Spanish (fluent), English (fluent), French (DELF B2)*

Sports

- *Triathlon, Skiing*