

Triple Helix Association – Thematic Research Groups (TRGs)

Achievements and Outreach: 2015-2016

The first Thematic Research Groups (TRGs) of the Triple Helix Association were established in 2014 to strengthen the Triple Helix research field. Several leading scholars and practitioners around the world were appointed as conveners of the Thematic Research Groups, focusing their efforts in consolidating an area of expertise that has emerged within the Triple Helix community. These TRGs represent open societies with their Linked-in discussion forums, on-line and off-line interactions towards deepening our knowledge of different aspects of the Triple Helix field and strengthening the theory and practice.

Collectively, the TRGs have helped to focus research and scholarly activities on measurable concepts and insightful frameworks that enlighten our generic triple helix model and advance our interdisciplinary project. TRGs have also mobilised a broader community that brings together theory and practice and generates synergies of university-industry co-creation beyond the traditional scholarly work.

The TRGs of the Triple Helix Association are calling now for new members that will enrich the portfolio of activities and give a new impetus for advancement of our knowledge and practice in bringing the government, industry and university on the same level platform as co-creators of our sustainable future.

Congratulations to our TRG conveners for their hard work and wishing them success in the forthcoming year ahead! We hope that the TRG column in our Helice Magazine will be populated with new initiatives, calls for papers and actions.

Thematic Research Groups	Conveners
Entrepreneurial Universities	Yuzhuo Cai and Karen Barranon
National Innovation Systems and Models	Luiz Marcio Spinoza
University-Industry Partnerships	Panayiotis Ketikidis and Juan Bertolin
Knowledge and Technology Transfer	Hester Tack

PAPERS AND PUBLICATIONS

- Borim-de-Souza, R, Balbinot, Z, Takahashi, A W, Munck, L and Travis, E F. (2015) Sustainable development and sustainability as study objects for comparative management theory: proposing styles of reasoning for an unknown metropole. *Cross Cultural Management*, 22(2), 201-235.
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- Cai, Y. (Forthcoming) From an analytical framework for understanding the innovation process in higher education to an emerging research field of innovations in higher education. *Review of Higher Education*.
- Cai, Y and Liu, C. (2015). The roles of universities in fostering knowledge-intensive clusters in Chinese regional innovation systems. *Science and Public Policy*, 42(1), 15-29. doi: 10.1093/scipol/scu018.
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- Cai, Y, Pinheiro, R, Geschwind, L and Aarvevaara, T. (2016). Towards a novel conceptual framework for understanding mergers in higher education. *European Journal of Higher Education*, 6(1), 7-24. doi:10.1080/21568235.2015.1099457.
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- Reyes, C N. (2016). Framing the entrepreneurial university: the case of the National University of Singapore. *Journal of Entrepreneurship in Emerging Economies*, 8(2), 134-161. doi:10.1108/JEEE-09-2015-0046.
- Rowlinson, M, Harvey, C, Kelly, A, Morris, H and Todeva, E. (2015) Accounting for research quality: research audits and the journal rankings debate. *Critical Perspectives on Accounting*, 26, February 2015: 2-22. DOI:10.1016/j.cpa.2013.05.012.
- Shumilova, Y and Cai, Y. (2016). Three approaches to competing for global talent: role of higher education. In B Krishna and F Charlotte (Eds), *Global Perspectives and Local Challenges Surrounding International Student Mobility (114-135)*. Hershey, PA, USA: IGI Global.
- Spinoza, L M, Bollmann, H. (2015) Sustainability assessment of urban innovation ecosystems - the case of Curitiba. Working Paper. Post-graduation Program on Urban Management. Pontifical Catholic University of Paraná, Brazil, 38 pp.
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- Spinosa, L M, Schlemm, M M and Reis, R S. (2015) Brazilian innovation ecosystems in perspective: some challenges for stakeholders. *Rebrae. Revista Brasileira de Estratégia (Impresso)*, v 8, 386-400.
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- Todeva, E. (2015) RIO Country Report Bulgaria 2014. JRC Science and Policy Report, European Commission, Institute for Prospective Technological Studies, ISBN 978-92-79-49231-0, doi:10.2791/634274.
- Todeva, E and Danson, M. (2016) Regional dimensions of the Triple Helix model. *Industry and Higher Education*, 30(1): 5-12, DOI: 10.5367/ihe.2016.0294.
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- Yang, P, Cai, Y and Lyytinen, A. (Forthcoming) Promoting university and industry links at the regional level: comparing China's reform and international experience. *Chinese Education and Society*.

MEETINGS, EVENTS, CONFERENCES, WORKSHOPS ATTENDED OR ORGANISED

- XIV International Triple Helix Conference, 25-27 September 2016, Heidelberg, Germany
Organised the following tracks:
 - *Entrepreneurial University and its Socio-Economic Impact*
 - *Entrepreneurial University and Regional Innovation Systems*
 - *Science Parks and Incubators - New Frontiers*
 - *Regional Dimensions of Triple Helix - Clusters, Cities and Geographic Boundaries*
 - *Innovation Clusters and Cluster Initiatives as Practical Implementation of Triple Helix Collaboration*
 - *Boosting Innovation and Growth through University-Industry Co-Creation*
 - *Individuals in the Triple Helix*
 - *Business Led Triple Helix and the New Role of Government*
 - *Are we facing a New Generation of National Innovation Systems?*
 - *Advancing New Models and Tools for Knowledge Transfer*
 - *Triple Helix Model and Knowledge Creation in Developing Countries*
 - *Triple Helix: Gender, Entrepreneurship and Diversity*
- XIII International Triple Helix Conference, August 2015, Beijing, China
The THA Thematic Research Group (TRG) Entrepreneurial University organized a workshop on *The Future of the Entrepreneurial University* on 24 August, 2015, at Beijing Normal University. It was a one-day workshop on exploring the topic of the entrepreneurial university from multiple perspectives. Thirty participants from various countries attended the event.
- Regional Studies Association Conference - TRG members participated in the Institutional Theory Workshop.
- ASAC 2016 - article presented, L'adaptation de la publicité expliquée par les dimensions culturelles.
- Danish Wind Association - Workshops and Posters.
- Coneect International Symposium, 10-11 September 2015, Berlin - presentation by Professor Yuzhuo Cai, the Convener of the THA Entrepreneurial Universities Thematic Research Group.
- Intelligences Numériques 2016 - article presented, Lien de confiance sur les réseaux sociaux : une typologie des stratégies communicationnelles entre les entreprises et leurs consommateurs.
- THA Webinar - Fostering the Innovation in Brazil - an Industry Project, by Celson Pantoja Lima.
- THA Webinar - Developing Innovation Ecosystems, 24 September 2015 - Innovation Ecosystems and Knowledge Based Urban Development - An Analysis of the Brazilian system, by Luiz Marcio Spinosa.
- UNIKE (University in Knowledge Based Economy) Conference in June, 2016.
- World Comparative and International Education Society Conference in August 2016.
- University Industry Interaction Network (UIIN) Conference (June 2016, Netherlands).
- 9th ICEIRD (International Conference for Entrepreneurship, Innovation and Regional Development), June 2016. Romania.
- Oman Entrepreneurship and Venture Capital Conference (December 2015)

INVITED SPEAKERS

- Ketikidis, P. Roundtable Discussion: Digital Europe: Growth and Innovation promote Entrepreneurship - the EU gives SMEs priority for growth (March 2016, Greece).
- Ketikidis, P. Roundtable Discussion on Triple Helix Interactions during the Ninth Conference on Innovation and Development (December 2015, Greece).
- Ketikidis, P. Roundtable Discussion on Triple Helix interactions for Entrepreneurial Support during the Oman Entrepreneurship and Venture Capital Conference (December 2015, Oman).
- Todeva, E. Emerging Scientific Discourses and Triple Helix Theory - Welcome address at the XIV International Triple Helix conference, 25-27 September, Heidelberg, Germany.
- Todeva, E. The Emerging Model of Regional Triple Helix, Keynote presentation at the Eighth International Conference for Entrepreneurship, Innovation and Regional Developments (ICEIRD), Bucharest, Romania.
- Todeva, E. Smart Regions Conference: Driving Smart Specialisation Investments in priority Areas for European Growth, 1-2 June 2016, Brussels, Belgium.
- Todeva, E. Industrial Modernisation and Smart Specialisation: Value Chain Strategic Development Model for Inter-Regional Cooperation, 11 May 2016, Brussels, Belgium.
- Todeva, E. Deter or Comply? Theoretical Tensions between Regulation, Governance and Strategic Behaviour, Keynote presentation at the Workshop on Strategic Governance, University of Sao Paulo at Riberão Preto, 14 April 2016, Riberão Preto, Brazil.
- Todeva, E. Measuring Innovation in Europe for Future Growth, Keynote Seminar for Innovate Limited, 20 January 2016, Dubai, United Arab Emirates.

PARTICIPATION AND MEMBERSHIP IN AFFILIATED SOCIETIES THAT CONTRIBUTE TO THE TRIPLE HELIX AGENDA

UIIN	University Industry Interaction Network
BIN	Business Innovation Network
EBAN	European Business Angel Network
HeBAN	Hellenic Business Angel Network
AIB	Academy of International Business
MOPAN	Multi-Organisational Partnerships, Alliances & Networks
HICSS	Hawaii International Conference on System Science
SOGBED	International Conference of the Society of Global Business & Economic Development
EURAM	European Academy of Management
RSA	Regional Studies Association
EAIR	European Association of Institutional Research
CHER	Consortium of Higher Education Researchers
New Institutionalism Association	

RESEARCH PROJECTS: UNDERTAKEN AND ON-GOING

- NetMIB - Network of Multidisciplinary Business Model Innovation and Ideation (ERASMUS+ Project)
- Innovations frugales pour l'insertion de la base de la pyramide dans le XXI siècle (on-going).
- Commercialization of innovation across borders: the impact of the distances (on-going).
- Le management comparatif et les avantages compétitifs internationaux.
- L'innovation et le développement durable.
- L'impact de la "distance technologique" lors du processus d'internationalisation des entreprises de haute technologie brésiliennes.
- Innovation Ecosystems: an analysis of components for public policies and knowledge-based urban development. UC Berkeley, Visiting Scholar Project.
- Offshore Wind Denmark; in the future planning to make a pilot project on 'Strategic innovation in harbour spaces', which has a Triple Helix framing.

RESEARCH APPLICATIONS SUBMITTED

- H2020 Call - SCIENCE WITH AND FOR SOCIETY (SWAFS) proposal submitted.
- Promoting regional innovation and resilient society in a global context - for the theme topic of Academy of Finland's strategic funding 2017-2018.
- Les nouvelles applications mobiles en Afrique de l'Ouest.
- Innovations frugales pour l'insertion de la base de la pyramide dans le XXI siècle.
- VSPA Innovation HUB. UC Berkeley, Joint Project between UC Berkeley and Pontifical Catholic University (BR).
- Offshore Wind Denmark, submitted pilot application.

MEDIA/PUBLIC PARTICIPATION

- CBC, Radio Canada, La Presse, Les Affaires (all in Canada, mostly in the Quebec province).
- Press Release on comments to statistical analyses in the Danish Wind sector were made and also comments to our report on the offshore wind industry has been made to the press – www.ipaper.ipapercms.dk/Windpower/OWDrapport.
- GAZETA DO POVO, press release on innovation ecosystems and urban development.

OBSERVATIONS: HOW THE FIELD (TRG THEME) IS DEVELOPING

- From our ecosystem's perspectives, there is more movement of staff among the two institutions (university and industry), especially due to EU funding which had been acquired. Without such funding (or similar), there is little willingness to interact.
- Still embryonic. The research field is developing very fast with researchers participating interdisciplinary regarding the innovation challenge to transcend national innovation systems as highlighted in the 2016 Triple Helix conference.
- International workshops and company sensibilization.
- Enhance research on transcending national innovation systems for strategic innovation to make a difference in ecosystems.
- We have identified a number of gaps/research questions to be tackled:
 - How to conceptualise and theorise the entrepreneurial university for both research and application-oriented higher education institutions with consideration of the local context?
 - The role of the entrepreneurial university beyond its contribution to technology transfer and for regional economic development. Eg. the role of the entrepreneurial university in changing the institutional environment for better construction of the Triple Helix system?
 - What are the challenges or unintended consequences in the process of developing the entrepreneurial university?
 - Do we have alternative ways to resolve the problems that the model of the entrepreneurial university is used to address?

FUTURE INITIATIVES, PLANS, IDEAS: HOW TO ACCELERATE DEVELOPMENT OF THE FIELD

- To apply for funding and recruitment of more PhD students in this field.
- To integrate (to a greater extent) university operations with industry.
- To develop a special issue on the topic of the entrepreneurial university mainly based on 2016 TRC papers.
- To collaborate with the Entrepreneurial University Metrics project.
- To initiate a research project and seek appropriate funding sources

RECOMMENDATIONS TO THE THA: HOW TO INCENTIVISE PARTICIPATION AND SUPPORT ACTIVITIES OF THE TRGS

- Disseminate the UIP TRG in order to attract more members.
- Develop focused workshops on specific topics.
- Work intensively to develop international research projects, which can attract funding and interdisciplinary Researchers.

How to incentivise participation:

- To exempt first year membership fee when joining a TRG.
- To provide support for member's publication (eg. peer review before submission to a journal, the member could cross review each other's paper).
- To share information concerning funding/work/study opportunities to members.
- To promote the TRGs, and interact with TRG members via social media.

How to support activities of the TRGs:

- To provide opportunities to organise tracks on themes at each THC as organised this year.
- To support promotion and activities of TRG through THA's professional networks.
- To facilitate inter-TRG cooperation.