

## ELIAS G. CARAYANNIS, PhD, MBA, MScEE

# Professor of Science, Technology, Innovation and Entrepreneurship and Director, GWUSB European Union Research Center

515C Funger Hall, 2201 G Street NW,
Department of Information Systems and Technology Management,
School of Business, The George Washington University, Washington, DC 20052
(202) 994 4062 (Phone) / (202) 994 5830 (Fax) / Email: caraye@gwu.edu

GWU WEB PAGE: http://business.gwu.edu/profiles/elias-g-carayannis/

EURC: https://business.gwu.edu/research/european-union-research-center-eurc/staff

ORCID: https://orcid.org/0000-0003-2348-4311

**GOOGLE SCHOLAR:** 

https://scholar.google.com/citations?user=ZN DyIUAAAAJ&hl=en

WEB OF SCIENCE: https://publons.com/researcher/3807771/elias-carayannis/

WIKIPEDIA: https://en.wikipedia.org/wiki/Elias G. Caravannis

Dr. Elias G. Carayannis is Full Professor of Science, Technology, Innovation and Entrepreneurship, as well as co-Founder and co-Director of the Global and Entrepreneurial Finance Research Institute (GEFRI) and Director of the European Union Research Center, (EURC) at the School of Business of the George Washington University in Washington, DC.

Dr. Carayannis' teaching and research activities focus on the areas of strategic Government-University-Industry R&D partnerships, technology road-mapping, technology transfer and commercialization, international science and technology policy, technological entrepreneurship and regional economic development.

#### Dr. Carayannis has several publications in the following double-blind, peer-reviewed Journals:

- Journal of Organizational Behavior,
- Research Policy,
- European Journal of Operations Research,
- Technovation,
- Operations Research,
- Omega,
- Expert Systems and Applications,
- IEEE Transactions in Engineering Management,
- Annals of Operations Research,
- Journal of R&D Management,

- *Technological Forecasting and Social Change,*
- Journal of Engineering and Technology Management,
- International Journal of Technology Management,
- Journal of Technology Transfer,
- Engineering Management Journal,
- Journal of Growth and Change,
- Review of Regional Studies,
- International Journal of Global Energy Issues,
- International Journal of Environment and Pollution,

He has also published more than sixty books to date on science, technology, innovation and entrepreneurship with Springer, CRC Press, Praeger/Greenwood, Palgrave/MacMillan and Edward Elgar, and has several more projects under contract (<a href="https://www.amazon.com/s?k=elias+carayannis+books&ref=nb\_sb\_noss">https://www.amazon.com/s?k=elias+carayannis+books&ref=nb\_sb\_noss</a>).

### He is founding Editor-in-Chief of the following Book Series and Major Reference Works:

- Edward Elgar Book Series on Science, Technology, Innovation and Entrepreneurship,
- Springer Book Series on Innovation, Technology and Knowledge Management,
- Palgrave MacMillan Book Series on Democracy, Innovation and Entrepreneurship for Growth (DIE4Growth),
- Springer Book Series on Arts, Research, Innovation and Society (ARIS),
- Springer Journal of the Knowledge Economy,
- Springer Journal of Innovation and Entrepreneurship: A Systems View Across Time and Space and
- IGI International Journal of Social Ecology and Sustainable Development;
- Springer Encyclopedia on Creativity, Invention, Innovation and Entrepreneurship
- Springer Handbook on Cyber Defense, Development and Democracy
- Edward Elgar Handbook on Artificial Intelligence for Innovation and Entrepreneurship
- Edward Elgar Handbook on Cyber Defense, Development, Democracy and Diplomacy
- Edward Elgar Handbook on Industrial Innovation Excellence

He is also Associate Editor of the *IEEE Transactions on Engineering Management, the International Journal of Innovation and Regional Development* and on the Editorial Boards of several academic journals (such as Technological Forecasting and Social Change, the Journal of Knowledge Management and others).

He consults for a wide variety technology-driven organizations in both government and the private sector, including the World Bank, the European Commission, the Inter-American Development Bank, the US Agency for International Development, IKED, the National Science Foundation Small Business Innovation Research Program, the National Institute of Standards and Technology Advanced Technology Program, the National Coalition for Advanced Manufacturing (NACFAM), the USN CNO Office, Sandia National Laboratories' New Technological Ventures Initiative, the General Electric Corporate Training & Development Center, Cowen & Co, First Albany International, Entreprises Importfab, and others.

He is fluent in English, French, German, Greek, and has a working knowledge of Spanish.

# ACADEMIC PROFILE – SELECTED WORKS

GWU WEB PAGE: <a href="http://business.gwu.edu/profiles/elias-g-carayannis/">http://business.gwu.edu/profiles/elias-g-carayannis/</a>

EURC: https://business.gwu.edu/research/european-union-research-center-eurc/staff

ORCID: https://orcid.org/0000-0003-2348-4311

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https://scholar.google.com/citations?user=ZN DyIUAAAAJ&hl=en

WEB OF SCIENCE: https://publons.com/researcher/3807771/elias-carayannis/

WIKIPEDIA: https://en.wikipedia.org/wiki/Elias G. Carayannis

and: https://en.wikipedia.org/wiki/Quadruple\_and\_quintuple\_innovation\_helix\_(Q2IH)\_framework

- By decree or by choice? A case study Implementing knowledge management and sharing at the education sector of the World Bank Group <a href="http://documents.worldbank.org/curated/en/574241468763497022/By-decree-or-by-choice-A-case-study-Implementing-knowledge-management-and-sharing-at-the-education-sector-of-the-World-Bank-Group</a>
- The strategic management of technological learning in project/program management: the role
  of extranets, intranets and intelligent agents in knowledge generation, diffusion, and
  leveraging <a href="https://www.sciencedirect.com/science/article/pii/S0166497298000650">https://www.sciencedirect.com/science/article/pii/S0166497298000650</a>
- Fostering synergies between information technology and managerial and organizational cognition: the role of knowledge management https://www.sciencedirect.com/science/article/pii/S0166497298001011
- Springer Handbook of Cyber-Development, Cyber-Democracy and Cyber-Defense https://www.springer.com/gp/book/9783319090689
- Cyber-Development, Cyber-Democracy and Cyber-Defense: Challenges, Opportunities and Implications for Theory, Policy and Practice <a href="https://www.springer.com/gp/book/9781493910274">https://www.springer.com/gp/book/9781493910274</a>
- Smart Quintuple Helix Innovation Systems https://www.springer.com/gp/book/9783030015169
- e-Development Toward the Knowledge Economy Leveraging Technology, Innovation and Entrepreneurship for "Smart" Development <a href="https://www.palgrave.com/gp/book/9781403942449">https://www.palgrave.com/gp/book/9781403942449</a>
- UNESCAP REPORT SMART SPECIALIZATION AND THE QUINTUPLE INNOVATION HELIX http://techmonitor.net/tm/images/0/0a/15jul sep tm final.pdf
- McGill University Convergent Innovation Webinar Series From Industry 4.0 to Industry 5.0 and the Quintuple Innovation Helix Framework Theories, Policies and Practices
   <a href="https://www.mcgill.ca/desautels/channels/event/ci-food-webinar-series-dr-elias-g-carayannis-296951">https://www.mcgill.ca/desautels/channels/event/ci-food-webinar-series-dr-elias-g-carayannis-296951</a>
- Innovation Ecosystems and Artificial Intelligence
   https://www.iem.fraunhofer.de/de/termine/workshop-innovation-ecosystems-artificial-intelligence.html

# ENTREPRENEURSHIP AND INNOVATION ACADEMIC WORK

#### PEER -REVIEWED JOURNALS

- SPRINGER JOURNAL OF INNOVATION AND ENTREPRENEURSHIP: A SYSTEMS VIEW ACROSS TIME AND SPACE:
  - o http://www.innovation-entrepreneurship.com
- SPRINGER JOURNAL OF THE KNOWLEDGE ECONOMY:
  - o http://www.springer.com/economics/policy/journal/13132
- IGI JOURNAL OF SOCIAL ECOLOGY AND SUSTAINABLE DEVELOPMENT:
  - http://www.igi-global.com/journal/international-journal-social-ecology-sustainable/1174

### **BOOK SERIES**

- SPRINGER TECHNOLOGY, INNOVATION AND KNOWLEDGE MANAGEMENT BOOK SERIES:
  - o http://www.springer.com/series/8124
- EDWARD ELGAR SCIENCE, INNOVATION, TECHNOLOGY AND ENTREPRENEURSHIP:
  - http://www.eelgar.com/shop/books?book series=Science,%20Innovation,%20Technology%20and%20En trepreneurship%20series
- SPRINGER ARTS, RESEARCH, INNOVATION AND SOCIETY BOOK SERIES:
  - http://www.springer.com/series/11902
- PALGRAVE MACMILLAN DEMOCRACY, INNOVATION AND ENTREPRENEURSHIP FOR GROWTH BOOK SERIES:
  - o <a href="https://www.palgrave.com/us/series/14635">https://www.palgrave.com/us/series/14635</a>
- EMERALD INNOVATION, TECHNOLOGY AND EDUCATION FOR GROWTH
  - http://www.emeraldgrouppublishing.com/products/books/notable/page.htm?id=2059-2841

### **MAJOR REFERENCE WORKS**

- SPRINGER ENCYCLOPEDIA ON CREATIVITY, INVENTION, INNOVATION AND ENTREPRENEURSHIP:
  - http://refworks.springer.com/mrw/index.php?id=4379
  - o http://www.springer.com/business+%26+management/book/978-1-4614-3857-1
- SPRINGER HANDBOOK OF CYBER DEVELOPMENT, CYBER DEMOCRACY AND CYBER DEFENSE
  - o https://www.springer.com/us/book/9783319090689