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Epistemic Governance in Higher Education

Quality Enhancement
of Universities for Development

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ISSN 2191-5482 ISSN 2191-5490 (electronic)
ISBN 978-1-4614-4417-6 ISBN 978-1-4614-4418-3 (eBook)
DOI 10.1007/978-1-4614-4418-3
Springer New York Heidelberg Dordrecht London

Library of Congress Control Number: 2012940956

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Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

Acknowledgments

Work input of David Campbell for this book was inspired by work in context of the EUROAC project [“The Academic Profession in Europe: Responses to Societal Challenges (EUROAC)”, CRP number “08-EuroHESC-FP-003”, “VF15I00273”], awarded by the European Science Foundation (ESF), and specifically funded for Austria by the FWF (Austrian Science Fund, project number “I273-G17”). In particular, David wants to thank the following colleagues at the Institute of Science Communication and Higher Education Research (WIHO), Faculty for Interdisciplinary Studies (iff), University of Klagenfurt, for having created a creative intellectual atmosphere: Hans Pechar, for his guidance into the field of higher education research (“*Hochschulforschung*”), and furthermore to Gülay Ates, Angelika Brechelmacher and Elke Park. For any deficiencies or even possible errors in this analysis, only David is responsible. For a critical proof-reading of an earlier manuscript version we also want to thank George S. Campbell.

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Abstract

For the further progress of advanced knowledge society, advanced knowledge economy, and advanced knowledge democracy, universities and the higher education sectors are crucial for driving development. How should the governance of higher education, the quality enhancement of universities, and the careers of academic faculty (the academic profession) be organized? Epistemic governance introduces here a novel approach and understanding. Epistemic governance emphasizes that the underlying epistemic structure, the underlying epistemic base, or the underlying epistemic paradigms (knowledge paradigms) of those organizations, institutions, or systems (sectors), which should be governed, are being addressed. This defines a benchmark and set of criteria for internal and external governance in higher education that is interested in applying a good, effective, and sustainable governance. Quality assurance, quality enhancement, and quality management of higher education, from the perspective of epistemic governance, should also orient themselves to quality and quality dimensions that cross-refer to the underlying epistemic structure of higher education. In a traditional understanding, the academic career patterns of the academic core faculty at universities follow a tenure-track logic. Cross-employment (multi-employment), on the contrary, refers to academic faculty (the academic profession) with simultaneous employment contracts to more than one organization only within or both inside and outside of higher education. Epistemic governance, in combination with cross-employment, should add to the organizational flexibility and creativity of universities and other higher education institutions, supporting the integration of a pluralism and diversity of knowledge production (basic research in the context of knowledge application and innovation), the formation of nonlinear innovation networks, and providing a rationale for a new type of academic career model.

Keywords

Epistemic governance • Higher education • Mode 1 and mode 2 knowledge production system • Mode 3 knowledge production system • Research and experimental development (R&D) • Innovation • Quadruple helix innovation systems • Quintuple helix innovation system • New public management (NPM) • Network governance • Public-private partnerships for research and technological development (PPP RTD) • Tenure-track • Tenured • Tenurable • Cross-employment • Multi-employment