

IMPACT FACTOR ACADEMIC MEDICINE

IMPACT FACTOR ACADEMIC MEDICINE IS A CRITICAL METRIC USED TO EVALUATE THE INFLUENCE AND PRESTIGE OF SCHOLARLY JOURNALS IN THE FIELD OF MEDICAL RESEARCH AND PRACTICE. IT REFLECTS THE AVERAGE NUMBER OF CITATIONS RECEIVED BY ARTICLES PUBLISHED IN A JOURNAL WITHIN A SPECIFIC PERIOD, TYPICALLY TWO YEARS. UNDERSTANDING THE IMPACT FACTOR'S ROLE IN ACADEMIC MEDICINE IS ESSENTIAL FOR RESEARCHERS, CLINICIANS, AND INSTITUTIONS AIMING TO ASSESS THE QUALITY AND REACH OF MEDICAL PUBLICATIONS. THIS ARTICLE EXPLORES THE SIGNIFICANCE OF IMPACT FACTOR ACADEMIC MEDICINE, ITS CALCULATION METHODS, BENEFITS, LIMITATIONS, AND THE BROADER IMPLICATIONS FOR RESEARCH DISSEMINATION AND CAREER ADVANCEMENT. ADDITIONALLY, IT EXAMINES ALTERNATIVE METRICS AND EVOLVING PERSPECTIVES IN THE ACADEMIC COMMUNITY. THE FOLLOWING SECTIONS PROVIDE A COMPREHENSIVE OVERVIEW OF THE IMPACT FACTOR'S ROLE AND INFLUENCE IN ACADEMIC MEDICINE.

- UNDERSTANDING IMPACT FACTOR IN ACADEMIC MEDICINE
- CALCULATION AND INTERPRETATION OF IMPACT FACTOR
- SIGNIFICANCE OF IMPACT FACTOR IN MEDICAL RESEARCH
- LIMITATIONS AND CRITICISMS OF IMPACT FACTOR
- ALTERNATIVE METRICS AND FUTURE TRENDS

UNDERSTANDING IMPACT FACTOR IN ACADEMIC MEDICINE

THE IMPACT FACTOR IS A BIBLIOMETRIC INDICATOR THAT QUANTIFIES THE AVERAGE NUMBER OF CITATIONS RECEIVED BY ARTICLES PUBLISHED IN A JOURNAL DURING A GIVEN TIMEFRAME, USUALLY TWO YEARS. IN ACADEMIC MEDICINE, IT SERVES AS A BENCHMARK FOR EVALUATING THE INFLUENCE AND VISIBILITY OF MEDICAL JOURNALS. THE IMPACT FACTOR ACADEMIC MEDICINE METRIC IS WIDELY USED BY RESEARCHERS, INSTITUTIONS, AND FUNDING AGENCIES TO GAUGE THE SCIENTIFIC MERIT AND DISSEMINATION POTENTIAL OF MEDICAL RESEARCH.

HISTORICAL BACKGROUND

THE CONCEPT OF THE IMPACT FACTOR WAS INTRODUCED IN THE 1960S BY EUGENE GARFIELD, THE FOUNDER OF THE INSTITUTE FOR SCIENTIFIC INFORMATION (ISI). SINCE THEN, IT HAS BECOME A STANDARD TOOL FOR ASSESSING JOURNAL QUALITY ACROSS VARIOUS SCIENTIFIC DISCIPLINES, INCLUDING ACADEMIC MEDICINE. THE METRIC HAS EVOLVED TO INFLUENCE PUBLISHING STRATEGIES, RESEARCH EVALUATION, AND ACADEMIC PROMOTION.

ROLE IN ACADEMIC MEDICINE

IN ACADEMIC MEDICINE, IMPACT FACTOR PLAYS A PIVOTAL ROLE IN GUIDING MANUSCRIPT SUBMISSION DECISIONS, INFLUENCING LIBRARY ACQUISITIONS, AND EVALUATING RESEARCH PRODUCTIVITY. HIGH-IMPACT JOURNALS ARE OFTEN PERCEIVED AS MORE PRESTIGIOUS, ATTRACTING HIGH-QUALITY SUBMISSIONS AND WIDER READERSHIP. CONSEQUENTLY, IMPACT FACTOR ACADEMIC MEDICINE REMAINS A KEY CONSIDERATION IN THE DISSEMINATION AND VALIDATION OF MEDICAL KNOWLEDGE.

CALCULATION AND INTERPRETATION OF IMPACT FACTOR

THE IMPACT FACTOR ACADEMIC MEDICINE IS CALCULATED BY DIVIDING THE NUMBER OF CITATIONS IN A GIVEN YEAR TO ARTICLES PUBLISHED IN THE JOURNAL DURING THE TWO PRECEDING YEARS BY THE TOTAL NUMBER OF CITABLE ARTICLES PUBLISHED IN THOSE

YEARS. THIS CALCULATION PROVIDES AN AVERAGE CITATION RATE PER ARTICLE, SERVING AS A PROXY FOR JOURNAL INFLUENCE.

FORMULA FOR CALCULATION

THE FORMULA FOR THE IMPACT FACTOR IN ACADEMIC MEDICINE IS:

1. COUNT THE TOTAL CITATIONS IN YEAR X TO ARTICLES PUBLISHED IN YEARS $X-1$ AND $X-2$.
2. COUNT THE TOTAL NUMBER OF CITABLE ARTICLES PUBLISHED IN YEARS $X-1$ AND $X-2$.
3. DIVIDE THE TOTAL CITATIONS BY THE TOTAL CITABLE ARTICLES TO OBTAIN THE IMPACT FACTOR.

INTERPRETATION AND CONTEXT

WHILE A HIGHER IMPACT FACTOR GENERALLY INDICATES GREATER JOURNAL PRESTIGE, IT IS ESSENTIAL TO INTERPRET THE METRIC WITHIN THE CONTEXT OF THE SPECIFIC MEDICAL FIELD. CITATION BEHAVIORS VARY ACROSS SPECIALTIES, AND SOME AREAS INHERENTLY GENERATE FEWER CITATIONS. THEREFORE, IMPACT FACTOR ACADEMIC MEDICINE SHOULD BE CONSIDERED ALONGSIDE OTHER QUALITATIVE AND QUANTITATIVE INDICATORS TO ASSESS JOURNAL QUALITY COMPREHENSIVELY.

SIGNIFICANCE OF IMPACT FACTOR IN MEDICAL RESEARCH

THE IMPACT FACTOR ACADEMIC MEDICINE SIGNIFICANTLY INFLUENCES VARIOUS ASPECTS OF MEDICAL RESEARCH, INCLUDING PUBLICATION DECISIONS, ACADEMIC PROMOTIONS, AND FUNDING ALLOCATION. IT ACTS AS A SURROGATE MARKER OF RESEARCH QUALITY AND VISIBILITY, AFFECTING HOW MEDICAL KNOWLEDGE IS DISSEMINATED AND UTILIZED.

INFLUENCE ON PUBLICATION CHOICES

RESEARCHERS OFTEN TARGET HIGH-IMPACT JOURNALS TO MAXIMIZE THE REACH AND RECOGNITION OF THEIR WORK. PUBLISHING IN JOURNALS WITH A HIGH IMPACT FACTOR ACADEMIC MEDICINE CAN ENHANCE THE PERCEIVED VALUE OF RESEARCH FINDINGS AND INCREASE CITATION POTENTIAL. THIS DYNAMIC SHAPES THE COMPETITIVE LANDSCAPE OF MEDICAL PUBLISHING.

ACADEMIC AND INSTITUTIONAL IMPLICATIONS

ACADEMIC INSTITUTIONS AND FUNDING BODIES FREQUENTLY USE IMPACT FACTOR ACADEMIC MEDICINE AS A CRITERION FOR EVALUATING RESEARCHER PERFORMANCE AND PRODUCTIVITY. PROMOTION AND TENURE COMMITTEES MAY CONSIDER PUBLICATIONS IN HIGH-IMPACT JOURNALS AS EVIDENCE OF SIGNIFICANT SCHOLARLY CONTRIBUTION, INFLUENCING CAREER ADVANCEMENT AND RESOURCE ALLOCATION.

ENHANCING RESEARCH VISIBILITY

PUBLISHING IN JOURNALS WITH A STRONG IMPACT FACTOR ACADEMIC MEDICINE HELPS ENSURE THAT RESEARCH REACHES A BROAD AUDIENCE, INCLUDING CLINICIANS, POLICYMAKERS, AND OTHER RESEARCHERS. THIS VISIBILITY FACILITATES KNOWLEDGE TRANSLATION AND CAN ACCELERATE THE IMPLEMENTATION OF EVIDENCE-BASED MEDICAL PRACTICES.

LIMITATIONS AND CRITICISMS OF IMPACT FACTOR

DESPITE ITS WIDESPREAD USE, THE IMPACT FACTOR ACADEMIC MEDICINE FACES SEVERAL CRITICISMS RELATED TO ITS CALCULATION, INTERPRETATION, AND POTENTIAL FOR MISUSE. UNDERSTANDING THESE LIMITATIONS IS CRUCIAL FOR RESPONSIBLE APPLICATION IN ACADEMIC MEDICINE.

BIAS AND VARIABILITY

THE IMPACT FACTOR CAN BE INFLUENCED BY FACTORS UNRELATED TO JOURNAL QUALITY, SUCH AS SELF-CITATIONS, CITATION STACKING, AND EDITORIAL POLICIES FAVORING REVIEW ARTICLES, WHICH TEND TO ATTRACT MORE CITATIONS. ADDITIONALLY, CITATION PATTERNS VARY BY SPECIALTY, MAKING CROSS-DISCIPLINARY COMPARISONS PROBLEMATIC.

FOCUS ON JOURNAL RATHER THAN ARTICLE QUALITY

IMPACT FACTOR ACADEMIC MEDICINE REFLECTS THE AVERAGE CITATION RATE OF A JOURNAL, NOT THE MERIT OF INDIVIDUAL ARTICLES. HIGH-IMPACT JOURNALS MAY PUBLISH SOME LOW-IMPACT ARTICLES, WHILE LOWER-IMPACT JOURNALS CAN CONTAIN HIGHLY INFLUENTIAL RESEARCH. RELYING SOLELY ON IMPACT FACTOR CAN OBSCURE THE TRUE VALUE OF SPECIFIC STUDIES.

ENCOURAGEMENT OF CITATION GAMING

THE EMPHASIS ON IMPACT FACTOR ACADEMIC MEDICINE HAS LED TO PRACTICES AIMED AT ARTIFICIALLY BOOSTING CITATION COUNTS, SUCH AS EXCESSIVE SELF-CITATION OR PREFERENTIAL CITATION OF CERTAIN ARTICLES. THESE BEHAVIORS CAN DISTORT THE METRIC'S ACCURACY AND UNDERMINE ITS VALIDITY AS AN OBJECTIVE MEASURE.

ALTERNATIVE METRICS AND FUTURE TRENDS

GIVEN THE LIMITATIONS OF IMPACT FACTOR ACADEMIC MEDICINE, THE ACADEMIC COMMUNITY HAS INCREASINGLY EMBRACED ALTERNATIVE METRICS AND COMPREHENSIVE EVALUATION APPROACHES TO ASSESS RESEARCH IMPACT MORE HOLISTICALLY.

ALTMETRICS AND ARTICLE-LEVEL METRICS

ALTMETRICS CAPTURE THE ATTENTION RESEARCH RECEIVES ON SOCIAL MEDIA, NEWS OUTLETS, AND POLICY DOCUMENTS, PROVIDING REAL-TIME INSIGHTS INTO PUBLIC ENGAGEMENT AND SOCIETAL IMPACT. ARTICLE-LEVEL METRICS FOCUS ON INDIVIDUAL PUBLICATION PERFORMANCE RATHER THAN JOURNAL AVERAGES, OFFERING A MORE GRANULAR ASSESSMENT.

H-INDEX AND AUTHOR-LEVEL METRICS

THE H-INDEX MEASURES AN INDIVIDUAL RESEARCHER'S PRODUCTIVITY AND CITATION IMPACT, COMPLEMENTING JOURNAL-BASED METRICS. THESE AUTHOR-LEVEL INDICATORS HELP EVALUATE RESEARCHER CONTRIBUTIONS MORE ACCURATELY WITHIN ACADEMIC MEDICINE.

EMERGING EVALUATION FRAMEWORKS

INSTITUTIONS AND PUBLISHERS ARE ADOPTING MULTIDIMENSIONAL EVALUATION FRAMEWORKS THAT INTEGRATE PEER REVIEW, QUALITATIVE ASSESSMENTS, AND DIVERSE QUANTITATIVE INDICATORS. THIS TREND REFLECTS A GROWING RECOGNITION OF THE COMPLEXITY OF RESEARCH IMPACT BEYOND IMPACT FACTOR ACADEMIC MEDICINE ALONE.

KEY ADVANTAGES OF ALTERNATIVE METRICS

- BROADER ASSESSMENT OF RESEARCH INFLUENCE BEYOND CITATIONS
- INCLUSION OF PUBLIC AND CLINICAL ENGAGEMENT INDICATORS
- REDUCTION IN RELIANCE ON JOURNAL PRESTIGE
- ENCOURAGEMENT OF TRANSPARENT AND RESPONSIBLE EVALUATION PRACTICES

FREQUENTLY ASKED QUESTIONS

WHAT IS THE IMPACT FACTOR IN ACADEMIC MEDICINE?

THE IMPACT FACTOR IS A METRIC THAT REFLECTS THE YEARLY AVERAGE NUMBER OF CITATIONS TO RECENT ARTICLES PUBLISHED IN A PARTICULAR JOURNAL WITHIN THE FIELD OF ACADEMIC MEDICINE, INDICATING THE JOURNAL'S INFLUENCE AND PRESTIGE.

HOW IS THE IMPACT FACTOR CALCULATED FOR MEDICAL JOURNALS?

THE IMPACT FACTOR IS CALCULATED BY DIVIDING THE NUMBER OF CITATIONS IN A GIVEN YEAR TO ARTICLES PUBLISHED IN THE PREVIOUS TWO YEARS BY THE TOTAL NUMBER OF CITABLE ARTICLES PUBLISHED IN THOSE TWO YEARS.

WHY IS THE IMPACT FACTOR IMPORTANT IN ACADEMIC MEDICINE?

THE IMPACT FACTOR IS OFTEN USED TO ASSESS THE REPUTATION AND QUALITY OF MEDICAL JOURNALS, INFLUENCING RESEARCHERS' DECISIONS ON WHERE TO PUBLISH AND AFFECTING FUNDING, PROMOTIONS, AND ACADEMIC RECOGNITION.

WHAT ARE THE LIMITATIONS OF USING IMPACT FACTOR IN ACADEMIC MEDICINE?

LIMITATIONS INCLUDE ITS FOCUS ON JOURNAL-LEVEL METRICS RATHER THAN INDIVIDUAL ARTICLES, POTENTIAL CITATION MANIPULATION, BIAS TOWARDS CERTAIN FIELDS, AND THE INABILITY TO FULLY REPRESENT RESEARCH QUALITY OR SOCIETAL IMPACT.

HOW DOES THE IMPACT FACTOR AFFECT THE CAREERS OF MEDICAL RESEARCHERS?

PUBLISHING IN HIGH IMPACT FACTOR JOURNALS CAN ENHANCE A MEDICAL RESEARCHER'S VISIBILITY, CREDIBILITY, AND CAREER ADVANCEMENT OPPORTUNITIES, AS INSTITUTIONS AND FUNDING BODIES OFTEN CONSIDER JOURNAL IMPACT FACTORS DURING EVALUATIONS.

ARE THERE ALTERNATIVES TO THE IMPACT FACTOR IN EVALUATING ACADEMIC MEDICINE RESEARCH?

YES, ALTERNATIVES INCLUDE METRICS LIKE THE H-INDEX, EIGENFACTOR, ARTICLE-LEVEL METRICS, AND QUALITATIVE ASSESSMENTS SUCH AS PEER REVIEW AND SOCIETAL IMPACT EVALUATIONS.

HAS THE IMPACT FACTOR CHANGED THE WAY MEDICAL RESEARCH IS PUBLISHED?

YES, THE EMPHASIS ON IMPACT FACTOR HAS SOMETIMES LED TO PRIORITIZING STUDIES LIKELY TO BE HIGHLY CITED, POTENTIALLY INFLUENCING RESEARCH TOPICS, STUDY DESIGNS, AND PUBLICATION STRATEGIES IN ACADEMIC MEDICINE.

WHAT ROLE DOES THE IMPACT FACTOR PLAY IN MEDICAL JOURNAL RANKING?

IMPACT FACTOR IS A PRIMARY CRITERION IN RANKING MEDICAL JOURNALS, HELPING LIBRARIES, RESEARCHERS, AND INSTITUTIONS IDENTIFY LEADING JOURNALS WITHIN VARIOUS SPECIALTIES OF ACADEMIC MEDICINE.

CAN THE IMPACT FACTOR BE MANIPULATED IN ACADEMIC MEDICINE JOURNALS?

YES, SOME JOURNALS MAY ENGAGE IN PRACTICES LIKE EXCESSIVE SELF-CITATION OR PREFERENTIALLY PUBLISHING REVIEW ARTICLES TO ARTIFICIALLY INFLATE THEIR IMPACT FACTOR, RAISING CONCERNS ABOUT THE METRIC'S RELIABILITY.

ADDITIONAL RESOURCES

1. *UNDERSTANDING IMPACT FACTOR IN ACADEMIC MEDICINE: A COMPREHENSIVE GUIDE*

THIS BOOK OFFERS AN IN-DEPTH EXPLORATION OF THE IMPACT FACTOR METRIC AND ITS ROLE IN ACADEMIC MEDICINE. IT COVERS THE HISTORY, CALCULATION METHODS, AND IMPLICATIONS OF IMPACT FACTORS ON MEDICAL RESEARCH AND PUBLISHING. READERS WILL GAIN INSIGHTS INTO THE STRENGTHS AND LIMITATIONS OF USING IMPACT FACTORS TO EVALUATE JOURNALS AND RESEARCHERS.

2. *THE ROLE OF IMPACT FACTOR IN MEDICAL JOURNAL PUBLISHING*

FOCUSING ON THE PUBLISHING INDUSTRY, THIS BOOK EXAMINES HOW IMPACT FACTORS INFLUENCE EDITORIAL DECISIONS, AUTHOR SUBMISSIONS, AND READERSHIP IN ACADEMIC MEDICINE. IT ALSO DISCUSSES ETHICAL CONSIDERATIONS AND THE PRESSURE IMPACT FACTORS PLACE ON RESEARCHERS AND INSTITUTIONS. CASE STUDIES FROM LEADING MEDICAL JOURNALS PROVIDE PRACTICAL EXAMPLES.

3. *METRICS AND MEDICINE: EVALUATING RESEARCH QUALITY THROUGH IMPACT FACTOR*

THIS VOLUME DELVES INTO VARIOUS RESEARCH METRICS WITH A SPECIAL EMPHASIS ON IMPACT FACTOR AND ITS APPLICATION IN MEDICAL FIELDS. IT COMPARES IMPACT FACTOR WITH ALTERNATIVE METRICS AND SUGGESTS BEST PRACTICES FOR ASSESSING RESEARCH QUALITY. THE BOOK IS A VALUABLE RESOURCE FOR ACADEMIC ADMINISTRATORS AND RESEARCHERS ALIKE.

4. *IMPACT FACTOR AND ITS INFLUENCE ON ACADEMIC CAREER ADVANCEMENT IN MEDICINE*

EXPLORING THE CAREER ASPECTS, THIS BOOK DISCUSSES HOW IMPACT FACTOR AFFECTS HIRING, PROMOTION, AND FUNDING DECISIONS IN ACADEMIC MEDICINE. IT OFFERS ADVICE ON NAVIGATING THE PUBLICATION LANDSCAPE AND MAXIMIZING THE VISIBILITY OF MEDICAL RESEARCH. THE BOOK ALSO CRITIQUES THE OVERRELIANCE ON IMPACT FACTORS IN CAREER EVALUATIONS.

5. *CHALLENGES AND CONTROVERSIES SURROUNDING IMPACT FACTOR IN MEDICAL RESEARCH*

THIS TITLE ADDRESSES THE DEBATES AND CRITICISMS RELATED TO THE USE OF IMPACT FACTOR IN MEDICAL RESEARCH ASSESSMENT. TOPICS INCLUDE MANIPULATION OF METRICS, BIAS AGAINST CERTAIN SPECIALTIES, AND THE IMPACT ON RESEARCH DIVERSITY. THE AUTHOR PROPOSES ALTERNATIVE APPROACHES FOR A MORE EQUITABLE EVALUATION SYSTEM.

6. *IMPROVING JOURNAL IMPACT FACTOR: STRATEGIES FOR MEDICAL EDITORS AND AUTHORS*

DESIGNED FOR EDITORS AND AUTHORS, THIS PRACTICAL GUIDE OUTLINES STRATEGIES TO ENHANCE A MEDICAL JOURNAL'S IMPACT FACTOR. IT COVERS CONTENT SELECTION, CITATION PRACTICES, AND MARKETING TECHNIQUES TO INCREASE JOURNAL VISIBILITY. THE BOOK ALSO EMPHASIZES ETHICAL STANDARDS AND THE IMPORTANCE OF QUALITY OVER QUANTITY.

7. *BEYOND IMPACT FACTOR: EMERGING METRICS IN ACADEMIC MEDICINE*

THIS BOOK EXPLORES NEW AND EVOLVING METRICS THAT COMPLEMENT OR CHALLENGE THE TRADITIONAL IMPACT FACTOR IN ACADEMIC MEDICINE. IT INTRODUCES ALTMETRICS, CITATION DISTRIBUTIONS, AND OTHER TOOLS FOR A MULTIDIMENSIONAL ASSESSMENT OF RESEARCH IMPACT. THE DISCUSSION INCLUDES IMPLICATIONS FOR FUTURE PUBLISHING TRENDS.

8. *IMPACT FACTOR AND RESEARCH FUNDING IN ACADEMIC MEDICINE*

FOCUSING ON THE INTERSECTION BETWEEN IMPACT FACTOR AND FUNDING, THIS BOOK INVESTIGATES HOW IMPACT FACTORS INFLUENCE GRANT ALLOCATIONS AND RESEARCH PRIORITIES. IT ANALYZES FUNDING AGENCY POLICIES AND THE CONSEQUENCES FOR MEDICAL RESEARCH INNOVATION. STRATEGIES FOR ALIGNING RESEARCH GOALS WITH FUNDING EXPECTATIONS ARE ALSO PROVIDED.

9. *ETHICS AND INTEGRITY IN IMPACT FACTOR REPORTING FOR MEDICAL JOURNALS*

THIS BOOK HIGHLIGHTS THE ETHICAL RESPONSIBILITIES OF MEDICAL JOURNALS IN REPORTING AND UTILIZING IMPACT FACTORS. IT

DISCUSSES TRANSPARENCY, AVOIDANCE OF MANIPULATION, AND MAINTAINING TRUST IN ACADEMIC PUBLISHING. THE AUTHOR PRESENTS GUIDELINES AND CASE STUDIES TO PROMOTE INTEGRITY IN IMPACT FACTOR PRACTICES.

Impact Factor Academic Medicine

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impact factor academic medicine: How to Practice Academic Medicine and Publish from Developing Countries? Samiran Nundy, Atul Kakar, Zulfiqar A. Bhutta, 2021-10-23 This is an open access book. The book provides an overview of the state of research in developing countries - Africa, Latin America, and Asia (especially India) and why research and publications are important in these regions. It addresses budding but struggling academics in low and middle-income countries. It is written mainly by senior colleagues who have experienced and recognized the challenges with design, documentation, and publication of health research in the developing world. The book includes short chapters providing insight into planning research at the undergraduate or postgraduate level, issues related to research ethics, and conduct of clinical trials. It also serves as a guide towards establishing a research question and research methodology. It covers important concepts such as writing a paper, the submission process, dealing with rejection and revisions, and covers additional topics such as planning lectures and presentations. The book will be useful for graduates, postgraduates, teachers as well as physicians and practitioners all over the developing world who are interested in academic medicine and wish to do medical research.

impact factor academic medicine: Clinical Academic Medicine Forum on Academic Medicine (Great Britain), Royal College of Physicians of London, 2004 Academic medicine in the UK faces serious and immediate problems. It is essential that the number of clinical academics in all disciplines be increased in order to teach the doctors of the future, and to maintain high-quality medical research which can translate scientific and clinical discoveries into real benefits for patients. This report brings together all 14 Medical Royal Colleges to consider how best to address these issues and to propose solutions. Part 1 considers the challenges that are common to all the Colleges, and makes recommendations designed to increase the recruitment and retention of academic staff, by making an academic career path a more attractive and achievable option.

impact factor academic medicine: Roberts Academic Medicine Handbook Laura Weiss Roberts, 2019-12-31 This authoritative, updated and expanded title serves as the gold-standard resource to assist physicians, clinicians, and scientists in developing effective and satisfactory careers in academic medicine. Covering such critical topics as finding one's path in academic medicine, getting established at an institution, approaching work with colleagues, writing and reviewing manuscripts, conducting empirical research, developing administrative skills, advancing one's academic career, and balancing one's professional and personal life, each chapter includes valuable career pointers and best practice strategies, as well as pithy words to the wise and questions to ask a mentor or colleague. Building on the success of the first edition, the Roberts Academic Medicine Handbook: A Guide to Achievement and Fulfillment for Academic Faculty, 2nd Edition includes new case examples and updated references, as well as many new and timely chapters on topics such as public speaking, working with the media, working with community-based organizations, philanthropy, and finding meaning and a sense of belonging in one's work. The Roberts Academic Medicine Handbook, 2nd Edition is an indispensable resource for all professionals

entering or already established in academic medicine who wish to achieve a fulfilling career.

impact factor academic medicine: Succeeding in Academic Medicine John P. Sánchez, 2020-01-14 This first-of-its-kind book for underrepresented racial and ethnic minorities (URM), women, and sexual and gender minorities in medicine offers the core knowledge and skills needed to achieve a well-planned, fulfilling career in academic medicine. The knowledge and skills provided by the esteemed co-authors, successful diverse pre-faculty, and junior and senior academicians, are complemented by their inspirational and motivational stories. Increasing diversity in the academic medicine workforce has been identified and embraced as a core value of institutional excellence at nearly all academic institutions and professional associations. Despite this established core value, certain groups such as Black/African-American, Latino/Hispanic, American Indian/Alaska Native-identified individuals, women, and sexual and gender minorities, are still present in lower proportions compared with the general population and lack inclusion. In 12 chapters and with a unique focus on a practical approach to increasing diversity and inclusion in academic medicine, this book demystifies the often-insular world of academic medicine. It comprehensively outlines career opportunities and associated responsibilities, how to transform academic-related work to scholarship, and offers a clear and transparent look into the academic appointment and promotion process. By focusing on the practical steps described in this handy book, students and residents can develop a strong foundation for an academic medicine career and succeed in becoming the next generation of diverse faculty and administrators.

impact factor academic medicine: Academic Medicine: A Guide for Clinicians Robert B. Taylor, 2007-01-15 Robert B. Taylor, MD, has edited this book that introduces physicians and clinicians to an academic career in the health professions. Written from the clinician's viewpoint, it guides readers who are considering or who have recently embarked upon such a career through the essentials. Taylor's approach is practical and well rounded. He integrates evidence-based information from the medical literature with anecdotes from contributors noted for their success in a spectrum of disciplines at top academic medical centers. Taylor addresses the career decision-making process, job hunting, and life in academia. He also focuses on skills for success—from teaching to grant writing. Advice on clinical practice, career management, and the work/life balance is plentiful. The book dispels common myths and outlines errors to avoid. Differences in expectations and culture among teaching hospitals, medical schools, and academic medical centers are considered throughout. Sources for more information are provided as well.

impact factor academic medicine: Cumulated Index Medicus , 1968

impact factor academic medicine: Index Medicus , 2004 Vols. for 1963- include as pt. 2 of the Jan. issue: Medical subject headings.

impact factor academic medicine: Mentorship in Academic Medicine Sharon E. Straus, David L. Sackett, 2013-09-27 Mentorship in Academic Medicine is an evidence-based guide for establishing and maintaining successful mentoring relationships for both mentors and mentees. Drawing upon the existing evidence-base on academic mentoring in medicine and the health sciences, it applies a case-stimulus learning approach to the common challenges and opportunities in mentorship in academic medicine. Each chapter begins with cases that take the reader into the evidence around specific issues in mentorship and provides actionable messages and recommendations for both correcting and preventing the problems presented in the cases. Accompanying the text is an interactive, online learning resource on mentorship. This e-tool provides updated resources for mentors and mentees, including video clips and podcasts with effective mentors who share their mentorship tips and strategies for effective mentorship. It also provides updated departmental and institutional strategies for establishing, running, and evaluating effective mentoring programs. Mentorship in Academic Medicine provides useful strategies and tactics for overcoming the common problems and flaws in mentoring programs and fostering productive and successful mentoring relationships and is a valuable guide for both mentors and mentees.

impact factor academic medicine: What Every Medical Writer Needs to Know Robert B. Taylor, 2015-08-29 This book presents must-know facts generally not covered in "How To" books

about medical writing. Every medical writer, whether a beginner or veteran, needs answers to questions many might not even know to ask. How does your personality type influence your writing behavior, and what can you do to make writing easier for you? What should you ask before agreeing to co-author an article for publication or write a book chapter? What are some of the current issues regarding copyright and plagiarism that authors may face? What has research discovered about the quotations and references found in journal articles? What do you need to know about open access journals and predatory publishers? Dr. Taylor tells some surprising truths about medical publishing, including possible sources of peer review bias and some alarming influences on what ends up in print. He also relates little-known stories about renowned medical writers such as Sir William Osler, William Carlos Williams and Elisabeth Kübler-Ross and the origins of some of medicine's classic publications. What Every Medical Writer Needs to Know provides information vital for every health care professional who aspires to write for others to read: academicians and practicing physicians; nurses, nurse practitioners and physician assistants; and professional medical and scientific writers.

impact factor academic medicine: Education Scholarship in Healthcare April S.

Fitzgerald, Gundula Bosch, 2023-11-28 Academic medical centers continue to require evidence of scholarly activity for their faculty to maintain their appointment and to advance in promotion/rank. For some, training to know how to obtain evidence of scholarship was obtained through fellowship where information was passed from mentor to mentee in an apprenticeship fashion without a formalized text to follow to obtain the information. In fellowship, information might flow through word-of-mouth or articles handed down out to a mentee. Others in fellowship develop skills by taking classes as part of an additional master's degree program such as a Master of Public Health. For health professionals who enter an academic institution without having gone through a fellowship program, they are still expected to perform scholarly activity but don't have the benefit of having done the apprenticeship to learn the skills, so unless they decide to find a course, obtain a master's degree, or find a fellowship, they have no way to gain the necessary skills and are at risk of losing their appointment and have no hope of progressing in promotion. This text provides a comprehensive toolbox for the academic who needs these skills to survive. It serves as a valuable resource for health professionals - physicians, nurses, pharmacists, physical therapists, and allied professionals - as well as scientists, and students, with the steps necessary to take their educational endeavors from idea to implementation through dissemination. Beginning with the concept of "What is Scholarship", the authors walk the reader through the concepts of how to find your niche, look through the literature to check for a gap, design a question, consider evaluation and outcomes, be aware of ethical considerations, plan a project, look for support, find mentorship, prepare an abstract, present a poster, disseminate a project, and lead a team. All chapters are written by experts in the subject matter.

impact factor academic medicine: The Penn Center Guide to Bioethics Vardit Ravitsky,

Autumn Fiester, Arthur L. Caplan, 2009-04-16 Named an Outstanding Academic Title for 2009 byChoice! [A] set of almost 70 essays, all well informed and many with attitude. Harold Shapiro, PhD Professor Emeritus and Professor of Economics and Public Affairs Princeton University, Former Chair, National Bioethics Advisory Board This most noteworthy and authoritative collection of 67 essays...represents 'the Penn way of doing bioethics'The Penn Center is widely known for multidisciplinary scholarship that emphasizes empirical inquiry on bioethical issues coupled with practical application(s)....The book provides excellent coverage of...both classical topics (e.g., informed consent, infertility, eugenics) and emerging issues (e.g., cloning, nonprofessional caregiving, privacy of thought in the age of brain imaging). The contributors, including the three editors, are either well-established or emerging scholars. Each essay offers historical background, an overview of relevant issues, a conclusion, and a list of references....Summing Up: Highly recommended.--Choice: Current Reviews for Academic Libraries This well-written book addresses a wide-ranging assortment of traditional bioethics issues that persist in the field as well as contemporary bioethics concerns that have evolved with new technologies and medical advances. This is a great resource for scholars in bioethics as well as various other relevant disciplines

concerned with bioethical issues. Score: 96, 4 stars--Doody's Medical Reviews The Center for Bioethics at the University of Pennsylvania is the internationally recognized leader in bioethical education and research. Its interdisciplinary faculty is drawn from the fields of medicine, law, nursing, education, philosophy, psychology, and religious studies. Arthur L. Caplan, the Center's founding director, is recognized as one of the most influential experts in bioethics. He has authored numerous books and articles, and served as the Chair of the Advisory Committee to the United Nations on human cloning. The Penn Center's leading fellows, Autumn Fiester and Vardit Ravitsky, have combined their expertise with Dr. Caplan and over 80 other contributors to create The Penn Center Guide to Bioethics--the foremost authority on both traditional and cutting-edge bioethical issues. The Penn Guide navigates uncharted ethical terrains, undoubtedly shaping both academic and public discourses on the challenging controversies generated by new technologies, theories, and medical advances. This volume represents the Penn Center's distinct, pioneering approach to bioethics, one that emphasizes empirical treatment of bioethical issues, and the integration of bioethical scholarship with practical application. Learn what the Penn Center has to say about: Neuroethics and brain imaging: Is my mind mine? Choosing future people: reproductive technologies and identity Eugenics and survival of the fittest in the modern world Bioethics and national security Vaccination, abortion, nanotechnology, organ transplantation, end-of-life issues, and more The Penn Guide will be the definitive text for policy makers, health practitioners, researchers, and students. This book will also inform the general public, patients, and family members as they seek answers to the bioethical issues of the day.

impact factor academic medicine: Major Challenges Facing Higher Education in the Arab World: Quality Assurance and Relevance Adnan Badran, Elias Baydoun, John R. Hillman, 2019-03-25 This book focuses on two crucial issues that need to be addressed as a matter of urgency by universities in the Arab region, namely (a) conducting independent assessments of the quality of their teaching, research, administration, governance, and planning; and (b) determining the relevance of their teaching, research, and societal impacts. Although well-established around the world in manufacturing industries and private-sector service industries, including the research and commercialisation arms of the major universities and research institutes, it is only in recent years that quality-assurance (QA) assessments have started to be applied to most aspects education. Several Arab universities are adopting various forms of QA but some variants are little more than bureaucratic "box-ticking" exercises with minimal commitment by staff to the ultimate aim of continuing self-improvement. This book will be of interest to senior management at faculty and departmental level and above in all Arab universities specifically, and more generally in Islamic institutions of higher education. Senior management in other universities, especially in the developing world will benefit from its analyses and recommendations.

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medical education. The definitive book on the subject, it provides an indispensable framework for making informed choices about the future of medical education and health care in America.

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inform medical education, with positive results. At a time when medicine is becoming increasingly technological and there is a growing demand by the public for more psychologically minded doctors, this book will be a key resource for physicians, general practitioners, psychologists, psychiatrists and psychotherapists who are involved in medical teaching and for medical students.

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