

Peer-review (recenzija)

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HELENA WACHSLICHT-RODBARD

The NEW ENGLAND JOURNAL of MEDICINE
THE AMERICAN JOURNAL of MEDICINE

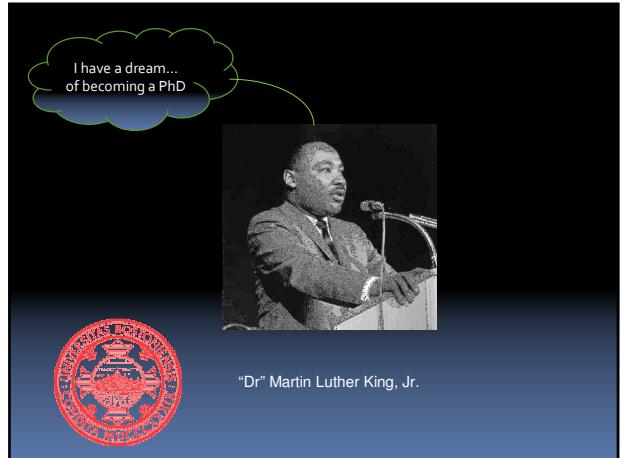
14 radova!

Nažalost (!?) nisu samo biomedicinari tak'i!

NADA BEHZIZ JAYSON BLAIR JACK KELLEY

The Californian of Bakersfield NY Times
The Daily Republic

NOVINARI



RCR

3 pitanja o "etičnosti"

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Le avventure di Toffsy e l'erba musicale - © Audiovisivi Demas

1. Je li to ISTINA?

- Falsificiranje
- Fabrikacija
- Plagiranje

• QRP:

- kompetencija
- statistika...

RCR

3 pitanja o "etičnosti"

2. Je li to PRAVEDNO?

istraživač

istraživač

QRP

bioetika

istraživač

ispitanik

ustanova

TOEI ANIMATION

Calimero - © Nino i Toni Pagot

RCR
3 pitanja o "etičnosti"

3. Je li to PAMETNO/MUDRO?



Profesor Baltazar – © ZAGREB FILM

- odnos istraživač – opće dobro
 - finansijska odgovornost
 - javnost službe
 - "zabranjena" znanja

Znanstvenoistraživačka
čestitost
(Research Integrity)

RI
Z-I čestitost

- teško "pozitivno" definirati

Briga da javno prikazani rezultati dosljedno odgovaraju provedenim istraživanjima, tj. da **NE** postoji znanstveno "nepoštenje" (*scientific misconduct*).

Scientific misconduct

- **F, F, P** u predlaganju, provođenju, reviziji ili prikazivanju istraživanja i njihovih rezultata
- **NE** uključuje "poštenu" pogrešku (*ispričiva zabluda*) ili razlike u promišljanjima

QRP
(upitni postupci u znanosti)

- neispravno vođenje lab. zabilješki
- nedovoljno dugotrajno čuvanje lab. zabilješki
- "patologije" autorstva
- "nesuradljivost"
- "blagonaklona" statistika
- odnos prema "podređenima"
- "puhanje u svoja jedra"
- ...

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SABOTAGE!

UMich, Ann Arbor



Scientific misconduct

- **fabrikacija** – izmišljanje podataka i rezultata, te njihovo bilježenje i prikazivanje
- **falsificiranje** – mijenjanje/izbacivanje/prepravljanje podataka ili rezultata
- **plagiranje** – otuđivanje ideja, postupaka, rezultata ili riječi bez citiranja ili "honoriranja"



ICMJE kriteriji autorstva:

- A. koncept i ustroj ili raščlamba i tumačenje podataka
- B. pisanje prve verzije članka ili njegova kritička revizija
- C. završno odobrenje članka prije tiskanja

➤ A + B + C = AUTORSTVO

ICMJE International Committee of Medical Journal Editors



- **GHOST AUTHOR**
 - autor koji je "nestao" s popisa autora iako je dovoljno sudjelovao

- **GHOST WRITER**
 - autor kojeg se ne navodi kao autora iako je sudjelovao u pisanju članka

"Najpoznatiji" ghost writer



THEODORE CHAIKIN "TED" SORENSEN

Autorstvo vs. Sudjelovanje

Sudjelovanje

Autorsko vs. NE-autorsko

Effects of Different Doses of Physical Activity on Cardiorespiratory Fitness Among Sedentary, Overweight or Obese Postmenopausal Women With Elevated Blood Pressure
A Randomized Controlled Trial

ORIGINAL CONTRIBUTION

JAMA, May 16, 2007—Vol 297, No. 19

Timothy S. Church, MD, MPH, PhD	← AUTORSTVO
Conrad P. Earnest, PhD	
James S. Skinner, PhD	
Steven N. Blair, PED	

SUDJELOVANJE

u autorstvu

"tek" sudjelovanje

Author Contributions: Dr Church had full access to all of the data in the study and takes responsibility for the integrity of the data and the accuracy of the data analysis.

Study concept and design: Church, Earnest, Skinner, Blair.

Acquisition of data: Church, Blair.

Analysis and interpretation of data: Church, Blair.

Drafting of the manuscript: Church, Earnest, Blair.

Critical revision of the manuscript for important intellectual content: Church, Earnest, Skinner, Blair.

Statistical analysis: Church.

Obtained funding: Skinner, Blair.

Administrative, technical, or material support: Earnest, Blair.

Study supervision: Church, Blair.

Sudjelovanje

koje **NIJE** povezano s AUTORSTVOM

- pristup materijalima ili pacijentima
- prikupljanje podataka
- statistička ekspertiza
- financijska potpora
- administrativna/tehnička potpora
- garancija integriteta

I što još treba?

Financial Disclosures: Dr Church reports having received honoraria for lectures from scientific, educational, and community groups; serving as a consultant for Trestle Tree Inc.; and having a book in publication from which he will receive royalties. Dr Blair reports receiving book royalties from Human Kinetics; honoraria for service on the Medical Advisory Boards for Matrix Health Care, Magellan Health Services, and Jenny Craig; and honoraria for lectures from scientific, educational, and community groups. Dr Blair also reports that he is paid as an Executive Lecturer by the University of North Texas. He gives these fees to the University of South Carolina Educational Foundation or to other nonprofit groups, and he reports that during the past 5-year period he has received a research grant from Jenny Craig. Dr Earnest reports having received honoraria for lectures from scientific, educational, and community groups. Dr Skinner reports having received honoraria for lectures from scientific, educational, and community groups.

I što još? Ilići i tko još?

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Autorstvo / Sudjelovanje

- a. kocept i dizajn istraživanja
- b. analiza i interpretacija podataka
- c. *posjedovanje/pristup podacima*
- d. *prikupljanje i sakupljanje podataka*
- e. *statistička eksperzija*
- f. pisanje prve verzije članka
- g. kritička revizija intelektualnog sadržaja rada
- h. završno odobravanje članka prije tiskanja
- i. *priskrba finančija*
- j. *administrativna/tehnička/logistička potpora*
- k. *garantiranje integriteta istraživanja*

ICMJE. Uniform Requirements for Manuscripts submitted to Biomedical Journals. Ann. Intern. Med. 1997;126:36-47.

Budite iskreni

Budite pošteni

Znajte pravila

Pitajte

 Odbor za etiku

