

Decreto IMT Rep. n. 01299(68)08 03.19
Ufficio Dottorato e Alta Formazione
Responsabile Serena Argentieri
Autore Sara Olson
Classificazione III.8

IL DIRETTORE

VISTO lo Statuto della Scuola IMT (Istituzioni, Mercati, Tecnologie) Altı Studi, con sede a Lucca, emanato con decreto direttoriale n. 02715(206).I.2.20.09.11, pubblicato sulla G.U. n. 233 del 6 ottobre 2011;

VISTA la Legge 4 novembre 2005 n. 230 "Nuove disposizioni concernenti i professori e i ricercatori universitari e delega al Governo per il riordino del reclutamento dei professori universitari" con particolare riferimento all'art 1, comma 10 e il successivo D. M. dell'8 luglio 2008;

VISTO il Decreto del Ministro dell'Istruzione, dell'Università e della Ricerca 22 ottobre 2004, n. 270;

VISTA la Legge 30 dicembre 2010 n. 240 "Norme in materia di organizzazione delle università, di personale accademico e reclutamento, nonché delega al Governo per incentivare la qualità ed efficienza del sistema universitario"; in particolare l'articolo 23 comma 1 che prevede che le università possano stipulare contratti (dal rettore su proposta dei competenti organi accademici) per attività di insegnamento di alta qualificazione al fine di avvalersi della collaborazione di esperti di alta qualificazione in possesso di un significativo curriculum scientifico o professionale.

VISTA la Legge 30 dicembre 2010 n. 240 "Norme in materia di organizzazione delle università, di personale accademico e reclutamento, nonché delega al Governo per incentivare la qualità ed efficienza del sistema universitario"; in particolare l'articolo 23 comma 2 che prevede che le università possano stipulare contratti previo espletamento di procedure di valutazione comparativa per attività di insegnamento con soggetti in possesso di adeguati requisiti scientifici o professionali.

VISTO il Regolamento del Dottorato di Ricerca della Scuola IMT Altı Studi Lucca emanato con DD 05758(300).I.3.06.11.17 (Rep. Albo on line 05759(254).I.7.06.11.18;

VISTO il Regolamento sugli incarichi e sui rapporti di lavoro in ambito didattico e scientifico della Scuola IMT Altı Studi Lucca emanato con DD 04314(388).I.3.03.12.14 (Rep. Albo on line 04315(371).I.7.03.12.14);

VISTA la tabella "Categorie funzionali e relativi diritti" della Scuola IMT Altı Studi, Lucca;

TENUTO CONTO della programmazione didattica precedentemente approvata con DDA n. 06991(339)21.12.18;

CONSIDERATI gli incarichi già assegnati così come evidenziato in grigio nella tabella seguente;

DECRETA

i seguenti affidamenti e la stipula dei contratti con i benefits relativi alla categoria funzionale di riferimento, fatte salve la successiva autorizzazione del Centro di Responsabilità competente e la disponibilità di bilancio:

Ciclo:	XXXIV	DDA n.	2019/2
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Advanced Numerical Analysis	Valeria Simoncini	AD-a	LE	10	150
Advanced Numerical Analysis	Benedetta Morini	AD-a	LE	10	150
Advanced Topics of Computational Mechanics	Mauro Corrado	AD-a	LE	10	//
Principles of Brain Anatomy and Physiology	Michele Emdin	AD-a	LE	6	150

Advanced Neuroimaging	Nicola Vanello	AD-a	LE	6	150
Advanced Neuroimaging	Mauro Costagli	AD-a	LE	6	150
Advanced Neuroimaging	Marcello Massimini	AD-a	LE	6	150
Neuroscience in Bio-Engineering and Robotics	Domenico Prattichizzo	AD-a	LE	6	150
Neuroscience in Bio-Engineering and Robotics	E. Pasquale Scilingo	AD-a	LE	6	150
Visual Arts and Globalization	Michele Dantini	AD-a	LE	10	150
Philosophical and Ethical Themes in Neuroscience	Mirko Daniel Garasic	AD-a	LE	10	150
Macroeconomics	Francesco Turino	AD-a	LE	30	150
Models of Organization of Cultural Institutions	Paola Dubini	VC	AD-a	30	150
Culture and Arts: Economic Analysis and Public Policy	Stefano Baia Curioni	AD-a	LE	24	150
Fossils, Apes, Humans. Digging the Antiquities of Nature	Carlo Ginzburg	AD-a	LE	12	150
History of Early Modern and Modern Art	Carl B. Strehlke	AD-a	LE	30	150
Management of Complex Systems: Approaches to Problem Solving	Andrea Zocchi	AD-	LE	20	150
Management of Complex Systems: Approaches to Problem Solving	Dario Caodatore	AD-a	LE	24	150
Project Management	Betrice Manzoni	AD-a	LE	35	150
Introduction to Neuropsychology	Francesca Garbarini	AD-a	LE	12	150
Basic Principles and Applications of Brain Imaging Methodologies to Neuroscience	Luca Turella	AD-a	LE	8	150
Basic Principles and Applications of Brain Imaging Methodologies to Neuroscience	Simone Rossi	AD-a	LE	8	150
Seminars in Neuroscience	Vincent P. Clark	AD-a	LE	10	150
Computer-Aided Engineering for virtual prototyping and advanced manufacturing solutions	Andrea Amicarelli	AD-a	LE	5	150

* Opzioni:

AD = affidamento diretto ai sensi del Regolamento sugli incarichi e sui rapporti di lavoro in ambito didattico e scientifico, secondo i criteri specificati (almeno uno)

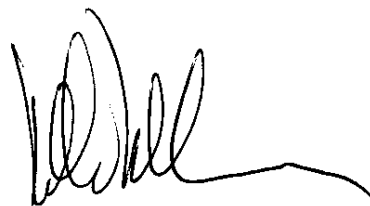
AD-a. L'incarico può essere conferito a esperti di alta qualificazione in possesso di un significativo curriculum scientifico o professionale;

AD-b. Docenti, studiosi o professionisti stranieri di chiara fama. La proposta di incarico è formulata al Consiglio Direttivo previa approvazione del Consiglio Accademico e pubblicazione del CV sul sito web della scuola;

VC = affidamento conseguente a valutazione comparativa per soggetti in possesso di adeguati requisiti scientifici o professionali.

**Categorie funzionali: LE=Lecturer, TA=Teaching Assistant, CC=Course/module coordinator (eventualmente in aggiunta a LE o TA)

Lucca, 8/3/2019



Il Direttore
Scuola IMT Alti Studi Lucca
(Prof. Pietro Pietrini)



Andrea Amicarelli

Researcher at RSE SpA (research centre of the Italian Ministry MEF), Guest Scholar at IMT (public academic school)

Lucca Toscana, Italia Ricerca

Attuale Ricerca sul Sistema Energetico - RSE SpA
Siti Web Web of Science publications
 Scopus indexed publications

109
collegamenti

Badge profilo pubblico

Includi questo profilo di LinkedIn su altri siti Web



Andrea Amicarelli

Researcher at RSE SpA (research centre of the Italian Ministry MEF), Guest Scholar at IMT (public academic school)

Ricerca sul Sistema Energetico - RSE SpA

Visualizza profilo



Visualizza badge del profilo

Visualizza il profilo completo di Andrea Amicarelli. È gratis!

Visualizza il profilo completo di Andrea

Attività di Andrea Amicarelli

Consigliato da Andrea Amicarelli



Quando #sei #anni fa decisi di riprendere a studiare...

Riepilogo

Topics (fluid mechanics):

SPH (mesh-less Computational Fluid Dynamic) for floods (with transport of solid bodies, bed-load transport, damage on electrical substations, flood-control works); fast landslides (in rocks and soils) and wave motion; sediment removal from water bodies; fuel sloshing tanks; hydraulic turbines. Lagrangian Stochastic Models for air quality.

Publications

<http://www.scopus.com/authid/detail.url?origin=resultslist&authorId=25648807300&zone=>

Principal Investigator of research projects (competitive calls) + personal Copyright royalties/grants (ca.149keuro):

HSPHERA9.HPCEFM18.HPCEFM7b.HPCEFM17.HPCEFM16.HPCEFM15.HSPHMI14.Hydroactio n-SPH-HPC. ASPHODEL v.2.0 (ANDRITZ HYDRO, Marongiu et al.). EURASAP travel grant (2008).

Research FOSS (Free/Libre and Open-Source Software) Manager

SPHERA v.9.0.0 (RSE SpA) (<https://github.com/AndreaAmicarelliRSE/SPHERA>)

(<http://spheric-sph.org/sph-projects-and-codes>)

LMM Library v.1.0 (github.com/AndreaAmicarelli-personal)

Experience as reviewer for International Journals (Web of Science/Scopus):

EFMC, IJCFD, HYDROL, AMP, BAE, PSEP, CPC, IJNME, JHR, EJMFU, PLA, AMC, CAF, IJNMF, EACFM, EJECE, AIME, HYDROD, IJEP, SEM, JCMSE, CPPM.

Experience as research project reviewer for

ANR French National Research Agency

FWF Austrian Science Fund

Memberships

SPHERIC http://spheric-sph.org/files/SPHERIC_members_2017_01_05.pdf

Mechanical Engineering Research <http://ccsenet.org/journal/index.php/mer/about/editorialTeam>

Earth Science Research <http://www.ccsenet.org/journal/index.php/esr/about/editorialTeam>

Session Chairman (Int.Conf.)

HARMO 2014 <http://www.harmon16.org/en/oral.html> indexed by Scopus

SPHERIC 2016 https://www.events.tum.de/frontend/index.php?folder_id=265

Links

RSE

<http://www.rse-web.it/persona/persona/661>

IMT

<http://musam.imtlucca.it/>

Altri professionisti con il seguente nome: Andrea Amicarelli

Nome Cognome

Esempio: Andrea Amicarelli

Andrea Amicarelli

imprenditore
Varese, Italia

Altri professionisti con il seguente nome:
Andrea Amicarelli



Master/Bachelor Degrees,...(email above)

Esperienza



Researcher

Ricerca sul Sistema Energetico - RSE SpA

2011 – Presente • 8 anni

Current experience

Competenze e conferme



Iscriviti a LinkedIn per vedere le competenze, le conferme e il profilo completo di Andrea

Certificazioni

Maître de Conférences (Associate Professor) in Mechanics, Mechanical Engineering and Civil Engineering

French Ministry of Research and Higher Education, Licenza 12260226029 (2012-2016), 17260226029 (2017-2021)

gennaio 2012 – dicembre 2021

Maître de Conférences (Associate Professor) in Meteorology, Physical Oceanography and Environmental Physics.

French Ministry of Research and Higher Education, Licenza 12237226029 (2012-2016), 17237226029 (2017-2021)

gennaio 2012 – dicembre 2021

PhD in Hydraulic Engineering (2005-2008)

Sapienza University of Rome (2009)

Visualizza il profilo completo di Andrea Amicarelli e...

- Scopri le conoscenze che avete in comune
- Fatti presentare
- Contatta **Andrea Amicarelli** direttamente

Visualizza il profilo completo di Andrea

Andrea non è la persona che cercavi? Visualizza altro

Membri di LinkedIn in Italia: a b c d e f g h i j k l m n o p q r s t u v w x y z altro Sfoglia membri per Paese

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CV (May 2013)

Andrea Amicarelli (PhD)

Andrea.Amicarelli@rse-web.it

Researcher

www.linkedin.com/pub/andrea-amicarelli/34/aaba/938

at RSE (Research on Energy Systems, Research Institute, Milan, Italy)

Maitre de Conférences (Associate Professor) in:

- **Mechanics, Mechanical Engineering and Civil Engineering** (1226023402)

- **Meteorology, Physical Oceanography and Environmental Physics** (1226228102) (Qualifications of the French Ministry of Research and Higher Education)

Environmental and Civil Engineer (Qualification of Sapienza University of Rome)

Main topics (fluid mechanics): Smoothed Particle Hydrodynamics (SPH, Computational Fluid Dynamics for free-surface and multi-phase flows),

Lagrangian micromixing models (numerical models for pollutant dispersion)

11 papers on peer-reviewed International Journals (IJ); h-index 3 (Web of Science, Scopus); indexed papers: 25 (Scopus and Web of Science); citations: 24 (Scopus); 31 publications, 11 revisions for IJ, 4 oral presentations at international conferences. Experience as Contributing Editor for an IJ indexed by Scopus.

Publications, revisions, editor

Job Experiences

Since Mar 2011

Researcher at RSE (Research on Energy Systems)

Development/use of Computational Fluid Dynamics models (mainly SPH) for floods, landslides, sediment removal, marine energy. Lagrangian micromixing modelling for pollutant dispersion. CO₂ storage. Academic didactic activity in SPH.

Jan 2009 - Mar 2011

Post-Doc Research Engineer at Centrale Innovation S.A. (Ecole Centrale de Lyon, Ecully, France). Development and use of SPH models for hydraulic turbines and free-surface/multi-phase flows. SPH formulations. Lagrangian micromixing modelling for pollutant dispersion. Academic didactic activity in SPH.

Jan 2007 - Dec 2008

Research Project Collaborator at ISPESL (Italian Research Institute for Occupational Safety and Health), temporary. Development of Lagrangian micromixing models for pollutant dispersion. Numerical modelling for meteorology, pollutant dispersion and exposure. Meteorological measures. Academic teaching (fluid mechanics, climate models).

Feb 2006 - May 2006

Engineer at Istudis srl (temporary). In-situ measurements & reports for conditioning systems & Indoor Air Quality inspections. Experience as Yard Manager.

(Nov 2002 - Dec 2008)

Didactic Collaborator at Sapienza University of Rome -part-time= 4m full time. Support in fluid mechanics laboratory and climate modelling didactic activities.

Projects

11 research projects (European, French and Italian), 2 of which as Project Manager.

Software

Research model developer for free-surface/multi-phase flows (Smoothed Particle Hydrodynamics) and pollutant dispersion (Lagrangian micromixing models). Software user (fluid mechanics). Programming languages: C++, FORTRAN, Matlab. Co-author of a patented research software (registered in France).

Teaching

Academic courses (26h), experimental exercises (17h), guided exercises (13h). Tutorship of a research project. Didactic tutor (143h).

Languages

Italian (native), English (professional), French (professional)

Education

Sapienza University of Rome

Nov 2005 - Oct 2008

PhD Doctorate in Hydraulic Engineering (3 year course)

Pollutant dispersion model development (Lagrangian micromixing models)

Oct 2000 - Sep 2006

Master Degree with honours and Bachelor Degree with Honours in Environmental Engineering (3+2 year course)

Curriculum Vitae

Vincent P. Clark, PhD

September 5th, 2018

Department of Psychology, Logan Hall
MSC03-2220
The University of New Mexico
Albuquerque, NM 87131-0001

Office (505) 277-2223
Mobile (505) 400-5230
Fax (505) 277-1394
E-mail vclark@unm.edu

MyNCBI page: <http://www.ncbi.nlm.nih.gov/myncbi/1ZC6p0p2-p8Qt/cv/58407/>

Educational History:

Intramural Research Fellow, 1993-1997

Laboratory of Brain and Cognition, National Institute of Mental Health, NIH.
10 Center Dr., MSC 1366, Bldg. 10, Room 4C104, Bethesda, MD 20892-1366
Major Field of Study: Neuroimaging; Mentors: Dr. Leslie Ungerleider and Dr. James Haxby

Ph.D. in Neuroscience, 1987-1993

Graduate Program in Neuroscience, University of California, San Diego
9500 Gilman Drive, La Jolla CA 92093-0634
Major Field of Study: Cognitive Neuroscience; Dissertation Advisor: Dr. Steven A. Hillyard
Dissertation Title: *Localization and Identification of Functional Regions within the Human Visual System*

B.S. in Psychobiology with Honors in Psychology, 1982-1987

Department of Psychology, University of California, Los Angeles
1285 Franz Hall, Box 951563, Los Angeles, CA 90095-1563
Mentors: Dr. Jackson Beatty and Dr. Eric Halgren

Employment History

Principal Positions:

Professor, 2013-Present

Department of Psychology, University of New Mexico, MSC03-2220, 1 University of New Mexico, Albuquerque, NM 87131-1161

Associate Professor, 2002-2013

Department of Psychology, University of New Mexico, MSC03-2220, 1 University of New Mexico, Albuquerque, NM 87131-1161

Assistant Professor, 1997-2002

Department of Psychiatry, University of Connecticut Health Center, MC 1410, 263 Farmington Avenue
Farmington, CT 06030-1410

Employment History - Concurrent Appointments and Consultantships:

Professor, 2012-2016; Adjunct Professor, 2016-Present

Translational Neuroscience, The Mind Research Network, 1101 Yale Blvd. NE, Albuquerque, New Mexico 87106

Director, 2011-Present

Psychology Clinical Neuroscience Center, Dept. Psychology, University of New Mexico, 1 University of New Mexico, MSC03-2220, Albuquerque, NM 87131-1161

Professor, Secondary Appointment, 2013-Present

Department of Neuroscience, University of New Mexico, MSC08-4740, 1 University of New Mexico, Albuquerque, NM 87131

Previous:

Associate Professor, 2009-2012

Translational Neuroscience, The Mind Research Network, 1101 Yale Blvd. NE, Albuquerque, New Mexico 87106

Area Head, 2006-2011

Doctoral Program in Cognition, Brain and Behavior, Department of Psychology, University of New Mexico, MSC03-2220, 1 University of New Mexico, Albuquerque, NM 87131-1161

Scientific Director, 2006-2009

The MIND Institute and Research Network, 1101 Yale Blvd. NE, Albuquerque, New Mexico 87106

Director of Neuroscience, 2004-2006

The MIND Institute and Research Network, 1101 Yale Blvd. NE, Albuquerque, New Mexico 87106

Staff Scientist, 2002-2004

The MIND Institute and Research Network, 1101 Yale Blvd. NE, Albuquerque, New Mexico 87106

Associate Professor, Secondary Appointment, 2003-2013

Department of Neuroscience, University of New Mexico, MSC08-4740, 1 University of New Mexico, Albuquerque, NM 87131

Faculty Member, 1998-2002

Program in Biomedical Engineering, Room 217, A.B. Bronwell Building, 260 Glenbrook Road, Unit 2247, University of Connecticut, Storrs, CT 06269-2247

Visiting Scientist and Lecturer, 1996-1997

Department of Psychology, O'Boyle Hall Room 314, The Catholic University of America, Washington DC 20064

Professional Recognition, Honors, etc.:

High Research Ranking Award, 2017

Award given to faculty with highest research rankings in the Department of Psychology, UNM

Inducted into TransTech 200, 2016 & 2017

Annual list of companies and innovators who are driving technology for mental and emotional wellbeing forward.
<http://transtech200.com/>

Education Chair (Elected by peers), 2007-2010

Organization for Human Brain Mapping

Post-Doctoral Training Fellowship (Competitive), 1993

McDonnell-Pew Center for Cognitive Neuroscience, UCSD

Fellowship (Competitive), 1991

Dartmouth Summer Institute in Cognitive Neuroscience

Pre-Doctoral Training Fellowships (Competitive), 1990-1993

McDonnell-Pew Center for Cognitive Neuroscience, UCSD

Honors in Psychology, 1987

Department of Psychology, University of California, Los Angeles

Short Narrative Description of Research, Teaching and Service Interests

Research: I utilize neuroimaging (EEG, MEG, sMRI, fMRI, DTI/DSI and MRS) and neurostimulation (TES/tDCS, TMS, LLLS and TUS) to examine hypotheses regarding the mechanisms of attention, perception and memory in healthy people and how these processes are altered in patients with brain and mental illness. My current research interests include three major areas: 1) The application of neuroimaging for the study and diagnosis of neurological and psychiatric disorders; 2) The development of novel treatment modalities for these disorders; 3) The development of brain stimulation techniques for cognitive enhancement in healthy volunteers. I currently have 90 publications, 80 peer-reviewed, with an *H*-index of 33 (*M* of 1.3) in Web of Science and *H* of 41 (*M* of 1.6) in Google Scholar, with an *i10* of 58, and *H* of 35 since 2013. I have helped to acquire over \$90 million in funding, acquiring and/or managing approximately \$11 million of this as PI and an additional \$23 million as Director or Scientific Director. During my training and later as a postdoc and junior faculty member, I have helped to develop a number of new technologies currently used in cognitive neuroscience, including the imaging of cortical laminar architecture *in-vivo* with MRI, and randomized designs for fMRI studies, which were summarized in an invited article for an issue of *NeuroImage* commemorating the 20th anniversary of fMRI (Clark 2012). My addiction and brain stimulation work has been described in print and on TV, including *Nature*, *Science*, *The New York Times*, *The Economist*, *NPR*, *BBC*, *The Atlantic*, *Psychology Today*, *The New Yorker*, *Scientific American*, *Forbes*, *ABC Nightline*, and podcasts such as *Smart Drug Smarts* and other media outlets in the US and internationally. Our recent paper focused on closed-loop tACS during sleep (Ketz et al. 2018) received an Altmetric attention score of 473, ranking in top 1%. My research focusing on the use of novel methods to treat brain and mental illness led to my TEDx talk (<https://www.youtube.com/watch?v=iNWBvcV7RBI>), and an invited hour-long lecture that has received over 66K views to date (<https://www.youtube.com/watch?v=dUMUIXNeBRQ>).

Teaching and Mentoring: I supervise and maintain an active research laboratory for training, and I have organized a variety of courses at the graduate and undergraduate level, and have also organized a number of professional meetings and courses for the broader scientific community. Five of my former students have completed their PhDs and another four have completed their Masters. I currently support 25 staff and trainees in my laboratory, and have mentored minority students from the McNair Achievement Program who have gone on to graduate school. I teach several courses including Brain and Behavior, Intro to Functional Neuroimaging, Advanced Functional Neuroimaging, Clinical Neuroimaging, CBB Seminar, and both EEG Laboratory and Introduction to the PCNC Laboratory. My lab courses are designed to train students to use the facilities offered by our Psychology Clinical Neuroscience Center, for which I am founding Director. I have chaired a number of scientific meetings here in Albuquerque, including a workshop entitled *Imaging Neuroinflammation and Neuropathic Pain* with 30 presenters from 7 countries, leading to a special issue of the *Journal of NeuroImmune Pharmacology* (Vol. 8, Issue 3, 2013) that I co-edited. I was also elected Education Chair by my peers for the Organization for Human Brain Mapping, where I helped to organize 20 courses for approximately 1500 attendees for meetings in Melbourne, San Francisco and Barcelona, and directed two courses: *Multimodal Imaging* in 2010 in Barcelona, and *Brain Stimulation* in 2014 in Hamburg.

Service: My service interests have focused on facilitating cognitive neuroscience research and education nationally and internationally, with the goals of developing new methods for reducing the impact of brain and mental illness and of improving cognitive functions in healthy people. My focus has also been on developing and promoting neuroimaging research infrastructure here at UNM for faculty and students, which barely existed when I arrived. I was recruited to UNM in 2002 to help build and organize the Mind Research Network (www.mrn.org). While Director of Neuroscience, and then as Scientific Director, I helped to purchase, organize and manage its research infrastructure, including an HD-EEG suite, a 1 million SNP Illumina genome system, 2 MEGs and 3 MRIs with numerous upgrades, including the first mobile MRI capable of functional imaging, and extensive data processing resources. I mentored 12 junior scientists and hired 3 senior scientists, and extramural funding increased from less than \$500,000 (and \$7 million in debt) to more than \$20 million, with over 300 employees and volunteers. I also served as Area Head for the UNM Graduate Program in Cognition, Brain and Behavior, and as Chair of the Junior Promotion and Tenure Committee for College of Arts and Sciences. In addition, I have served as Handling Editor for *NeuroImage*, and currently serve on the Editorial Boards of *Human Brain Mapping* and *Brain Stimulation*. I am currently the founding Director of the newly created Psychology Clinical Neuroscience Center (pcnc.unm.edu), a 10,000 s.f. facility with 4 HD-EEG labs, 3 neurostimulation labs including TMS, TES, LLLS and TUS, data processing, meeting rooms, testing rooms and lab space supporting 11 PIs and over 130 staff and trainees. Finally, I am founding Chair of the *Brain Stimulation and Imaging Meeting* (BrainSTIM, brainstim-meeting.org), which has met previously in Honolulu, Geneva, Vancouver and Singapore, with Rome planned for 2019. This will also be the inaugural meeting of the International Organization for Neuromodulation (ION) which I am founding to help facilitate research and training in techniques to increase rigor and reproducibility in neurostimulation research, and ultimately to assist in the development of new and better treatments for brain and mental illness.

Scholarly Achievements

Refereed Articles:

(Corresponding authorship indicated by “*”)

1. *Hunter, MA, Lieberman, G, Coffman, BA, Trumbo, MC, Armenta, ML, Robinson, CSH, Bezdek, MA, O’Sickey, AJ, Jones, AP, Romero, V, Elkin-Frankston, S, Gaurino, S, Eusebi, L, Schumacher, EH, Witkiewitz, K, **Clark, VP.** (2018) Mindfulness-based training with transcranial direct current stimulation modulates neuronal resource allocation in working memory: A randomized pilot study with a nonequivalent control group. *Heliyon*, 4(7):e00685. <https://doi.org/10.1016/j.heliyon.2018.e00685>
2. Ketz N, Jones AP, Bryant NB, **Clark VP**, Pilly PK. (2018). Closed-loop slow-wave tACS improves sleep dependent long-term memory generalization by modulating endogenous oscillations. *Journal of Neuroscience*, 38(33):7314–7326.
3. Patel AN, Howard MD, Roach SM, Jones AP, Bryant NB, Robinson CSH, **Clark VP**, Pilly PK. Mental state assessment and validation using personalized physiological biometrics. (2018). *Frontiers in Human Neuroscience*, 12:221. <https://doi.org/10.3389/fnhum.2018.00221>
4. van Erp, TGM, ..., **Clark, VP**, ..., et al. (2018). Cortical brain abnormalities in 4474 individuals with schizophrenia and 5098 controls via the ENIGMA consortium. *Biological Psychiatry*, in press.
5. Kong, X, ..., **Clark, VP**, ..., et al. (2018). Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA consortium. *PNAS*, 115(22):E5154–E5163. <https://doi.org/10.1073/pnas.1718418115>.
6. Thoma, RJ, Haghani-Tehrani, P, Turner, J, Bigelow, R, **Clark, VP**, Yeo, RA, Calhoun, V, Stephen, J (2018). Neuropsychological analysis of auditory verbal hallucinations. *Schizophrenia Research*, 192:459–460. pii: S0920-9964(17)30184-6. doi: 10.1016/j.schres.2017.03.044
7. Bikson M, Brunoni AR, Charvet LE, Clark VP, Cohen LG, Deng ZD, Dmochowski J, Edwards DJ, Frohlich F, Kappenman ES, Lim KO, Loo C, Mantovani A, McMullen DP, Parra LC, Pearson M, Richardson JD, Rumsey JM, Sehatpour P, Sommers D, Unal G, Wassermann EM, Woods AJ, Lisanby SH. (2018). Rigor and reproducibility in research with transcranial electrical stimulation: An NIMH-sponsored workshop. *Brain Stimulation*, 11(3): 465–480. DOI: <https://doi.org/10.1016/j.brs.2017.12.008>
8. Robinson, C, Armenta, M, Combs, A, Lamphere, M, Garza, G, Neary, J, Wolfe, J, Molina, E, Semey, D, McKee, C, Gallegos, S, Jones, A, Trumbo, M, Al-Azzawi, H, Hunter, M, Lieberman, G, Coffman, B, Aboseria, M, Bikson, M, **Clark, VP**, Witkiewitz, K (2017). Modulating affective experience and emotional intelligence with loving kindness meditation and transcranial direct current stimulation: A pilot study. *Social Neuroscience*, in press.
9. Aine, CJ, Bockholt, HJ, Bustillo, JR, Cañive, JM, Caprihan, A, Gasparovic, C, Hanlon, FM, Houck, JM, Jung, RE, Lauriello, J, Liu, J, Mayer, AR, Perrone-Bizzozero, NI, Posse, S, Stephen, JM, Turner, JA, **Clark, VP**, Calhoun, VD. (2017). Multimodal neuroimaging in schizophrenia: Description and dissemination. *Neuroinformatics*, 15(4):343–364. doi:10.1007/s12021-017-9338-9
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