

Our roles in social change

Living a Science More Worthy of the Challenge of the Human Condition



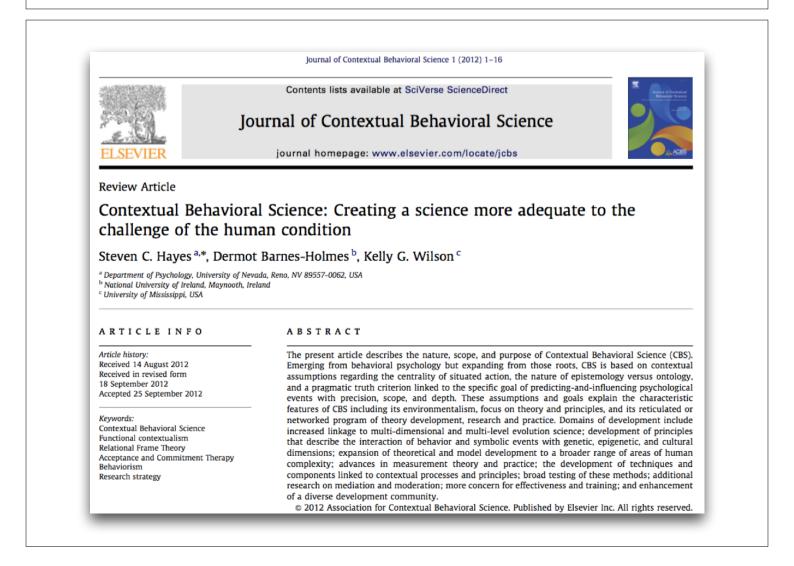
Priscilla Almada, Magnus Johansson, Anthony Biglan & Dennis Embry

The questions

- We will transparently discuss personal, cultural and institutional barriers and enablers experienced in working with dissemination and implementation.
- How do we create support structures to sustain ourselves over time?
 - How to support resilience when things are hard. How to "tap out" when you need to rest, so that someone else can take the baton for a while?
- Where would you start if you were beginning this kind of work now?
- Strategically outline where community efforts would be best invested over the course of the next 3-5 years for all ACBS members.

An initiative

- Please join our network: bit.ly/ACBSnurture
- More interviews and resources to come





"The methods of science have been enormously successful wherever they have been tried. Let us then apply them to human affairs" (Skinner, 1953, p.5)

"Our culture has produced the science and technology it needs to save itself" (Skinner, 1971, p.181)







BEHAVIORAL AND BRAIN SCIENCES (2014) 37, 395–460 doi:10.1017/S0140525X13001593

Evolving the future: Toward a science of intentional change

David Sloan Wilson

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Steven C. Hayes Department of Psychology, University of Nevada, Reno, NV 89557-0062 stevenchayes@gmail.com http://stevenchayes.com/

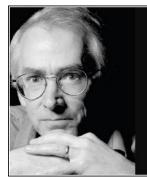
Anthony Biglan

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Selfishness beats altruism within groups. Altruistic groups beat selfish groups. Everything else is commentary.

— David Sloan Wilson —

AZQUOTES

Acting in light of the future: How do future-oriented cultural practices evolve and how can we accelerate their evolution?

Anthony Biglan^{a,*}, Yvonne Barnes-Holmes^b

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Psychological flexibility as a malleable public health target: Evidence from a representative sample

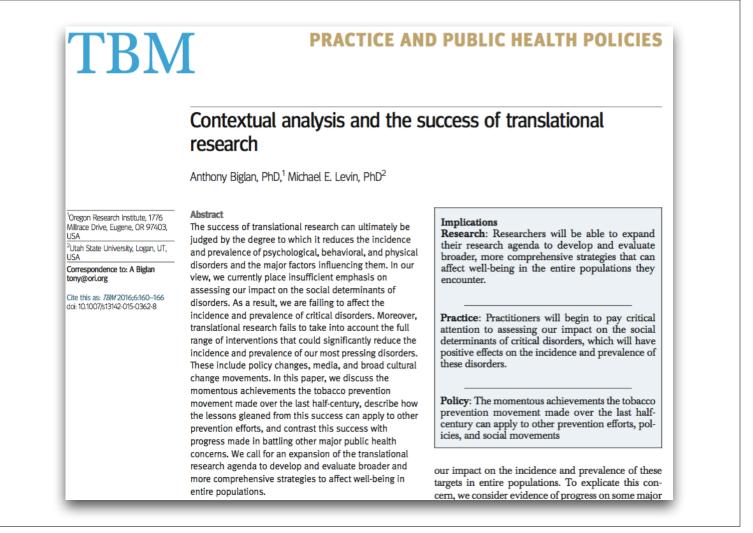
Andrew T. Gloster^{a,b,*}, Andrea H. Meyer^a, Roselind Lieb^a

^a University of Basel, Department of Psychology, Division of Clinical Psychology and Epidemiology, Basel, Switzerland
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Behavior and Social Issues, 20, 44-71 (2011). © William D. Newsome & Mark P. Alavosius. Readers of this article may copy it without the copyright owner's permission, if the author and publisher are acknowledged in the copy and the copy is used for educational, not-for-profit purposes. doi: 10.5210/bsi.v20i0.3234

TOWARD THE PREDICTION AND INFLUENCE OF ENVIRONMENTALLY Relevant Behavior: Seeking Practical Utility in Research

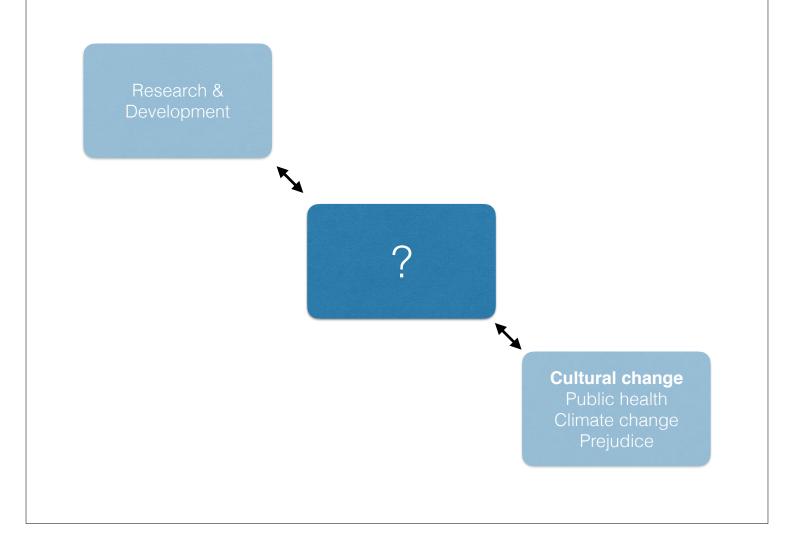
William D. Newsome¹ Mark P. Alavosius University of Nevada, Reno



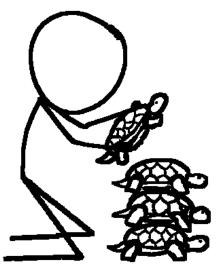
Research & Development

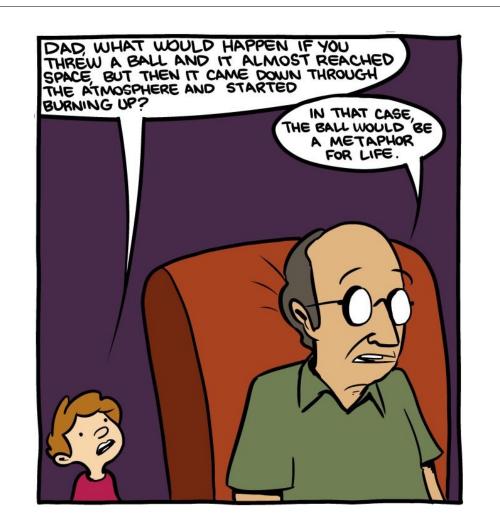
Large scale dissemination & implementation

Cultural change Public health Climate change Prejudice









PeaceBuilders: A Theoretically Driven, School-based Model for Early Violence Prevention

Clinical Child and Family Psychology Review, Vol. 5, No. 4, December 2002

Dennis D. Embry, PhD Daniel J. Flannery, PhD Alexander T. Vazsonyi, PhD Kenneth E. Powell, MD Henry Atha, MPA

The Good Behavior Game: A Best Practice Candidate as a Universal Behavioral Vaccine

Dennis D. Embry¹

A "behavioral vaccine" provides an inoculation against morbidity or mortality, impacting physical, mental, or behavior disorders. An historical example of a behavioral vaccine is antiseptic hand washing to reduce childbed fever. In current society, issues with high levels of morbidity, such as substance abuse, delinquency, youth violence, and other behavioral disorders (multiproblems), cry out for a low-cost, widespread strategy as simple as antiseptic hand washing. Congruent research findings from longitudinal studies, twin studies, and other investigations suggest that a possibility might exist for a behavioral vaccine for multiproblem behavior. A simple behavioral strategy called the Good Behavior Game (GBG), which reinforces inhibition in a group context of elementary school, has substantial previous research to consider its use as a behavioral vaccine. The GBG is not a curriculum but rather a simple behavioral procedure from applied behavior analysis. Approximately 20 independent replications of the

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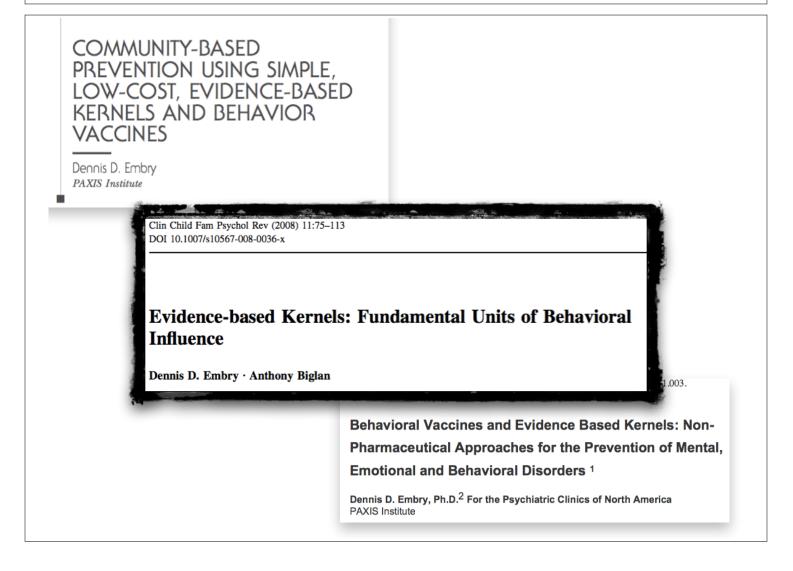
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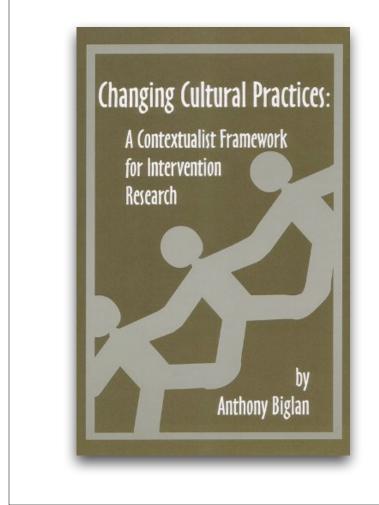
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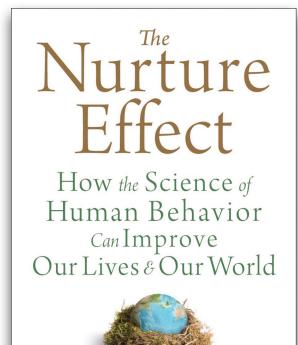
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ANTHONY BIGLAN, PHD FOREWORD BY STEVEN C. HAYES, PHD FRWORD BY DAVID SLOAN WILSON, PHD

OUR FUTURES Our Roles in Social Change: Witnessing my journey to help create a science worthy of a better future for our children Dennis D. Embry, Ph.D. ACBS Annual World **CONFERENCE 15**

20-25 June, 2017

President, PAXIS Institute Tucson, Arizona





Kammann Elementary-School in Salinas, Calfa, smile angelitin Salinas, Calfa, smile angeliter angelinerdy wicked ways. "I used to call be people stupid," asys Chris, a burly fourth grade." I used to get inno fourth grade. To used to get inno because I didn't have any friends and I didn't hike going to the principal's office. "The 10-year-old eyes the 60-style paces zymbols that fiscano ins classroom." Now, I have friends delares. Tacaber Cheryl Matrison greese. "It's amazing—ixida actually ike to paly with hum now." Credit Paces Builders, a program "OCTOMENT BY CALE PAMPENT



Reflections

Personal

Institutional

Cultural

In 7th grade, I told my mentor, "I want to be a scientist, an artist, and a political leader." I am.

My journey for big change

- An unconventional undergrad honors paper (bridging two completely different academic fields).
- A dry hole as master thesis (that opened a a new opportunity and left me an unusual skill all ACBS folks can develop for leveraging big change).
- A skill that developed that changed my life (and can change yours...that causes people to envy my Endnote Files). You can and ought to learn the same skill for the purpose of worthy science.
- Learning not to let the lack of money stop me.
- Learning to think about the problem at four levels.
- Announce what you want to do, have an elevator speech; be careful for what you pray for.





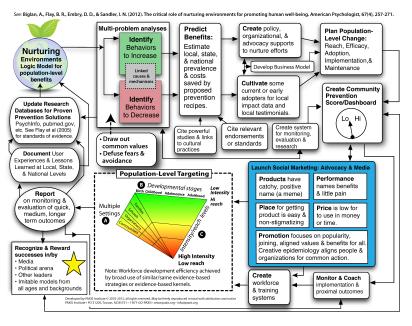
Secret Steps for Success

- Solve the basic change problem in single-subject designs with the least complex solution.
- Always embed *early wins* for each level of the change agents.
- Never do RCT's without a robust history of singlesubject studies.
- Build in design redundancies at multiple levels (think as if you are building an airplane).
- Do not ignore other scientific fields that solutions that work different than yours.
- Figure out how to scratch everybody's back at ever level of the problem, and remember your solution will likely take bread out of somebody else's mouth.
- Map the ecology of antecedents, relational frames, behaviors, and consequences at multiple levels.
- Develop a business model of buyers and payers.

For more info: http://bit.ly/ACBS-Kernels-For-Prosocial



PAX Good Behavior Game, a CBS/Evolution-based prevention science strategy, is happening at "population level" across multiple countries, states, and provinces with replicated results across cultures. It's success opens people's minds to other possibilities.







My journey is one repeated by many...

I learned this, at least, by my experiment: that if one advances confidently in the direction of his dreams, and endeavors to live the life which he has imagined, he will meet with a success unexpected in common hours."

– Henry David Thoreau







- Mentoring introductions
- Networking
 - Knowing your stuff fairly well (or faking it well)
- Knowledge about infrastructures and possible stakeholders
- Understanding the perspective of stakeholders
- Jump