

BIOGRAPHICAL SKETCH

Dr. Calvin G. Fox

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A. PROFESSIONAL PREPARATION:

Knox College	Galesburg, IL	Chemistry & Classics B.A.,	1985
University of Colorado at Boulder	Boulder, CO	Classics	M.A., 1989
University of Illinois	Urbana, IL	Widgetry	Ph.D., 1996
Oxford University	Oxford, U.K.	Widgetry	1997-1999
Université de Paris IV (Sorbonne)	Paris, France	Widgetry	2000-2003

B. APPOINTMENTS:

2009-present Associate scientist, Department of Widgetry, NMNH, Washington, DC
2008-present Adjunct associate professor, Department of Widgetry, Georgetown University, Washington, DC
2003-2009 Assistant scientist, Department of Widgetry, NMNH, Washington, DC
1996-1997 Postdoctoral intern, Policy Office, National Science Foundation, Washington, DC

C. PRODUCTS (25 career total)

Five most relevant to this project:

1. Fox, C. G. Widgetry Since the Dawn of Time. *Past and Present* 2005:186/1, 134-175.
2. Fox, C. G.; Bond, J. New Methods in Nano-widgetry. *Science* 2002:298, 1503-1510.
3. Dumbledore, A. P. W. B.; de Breguet, J.-F.; Fox, C. G. Novel Uses for Widgets in Reversing the Effects of Climate Change. *Nature* 2002:418, 998-1002.
4. Fox, C. G.; Dolittle, J. Toward a Widget-Based Solution to the Problem of Animal Diagnostics. *Journal of Veterinary Diagnostic Investigation* 2002:14/4, 290-310.
5. Fox, C. G.; Kimble, R.; Dumbjohn, I. M. The Use of Widgets for the Forensic Analysis of Liver Samples in Chronic Nonprogressive Hepatitis. *The Lancet* 2000:355, 2055.

Five other significant products:

1. Simpson, H.; Fox, C. G. Widget-Based Conversion of Nuclear Waste into Glazed Doughnuts. *Physical Review Letters* 2005:94, 221803.
2. Fox, C. G.; Clouseau, J.; de Breguet, J.-F. Sur l'utilisation des widgets pour la traduction en temps réel du discours des personnes qui parlent le français comme des vaches belges. *Proceedings of the Modern Language Association* 2004:119, 87-94.
3. Fox, C. G.; Clouseau, J.; de Breguet, J.-F. "Using Widgets to Ensure Compliance with Federal Grant Guideline Requirements, Especially Those Relating to the Defense Advanced Research Projects Agency." In D. G. Bauer, *The "How To" Grants Manual*, 184th ed. (Lanham, MD: Rowman & Littlefield, 2018, in press), pp. 375-429.
4. Simpson, H.; Fox, C. G. Widget-based system for converting nuclear waste into glazed doughnuts. US Patent 10,783,234; filed June 8, 2005; issued May 31, 2008.
5. Fox, C. G. Die Transkription von beschädigten historischen Primärquellen mit Widgets. *Vierteljahrshefte für Zeitgeschichte* 2010: 58/4, 604-657.

D. SYNERGISTIC ACTIVITIES:

- Mentored more than 15 undergraduate researchers (a third of them women), resulting in a total of 15 refereed publications in major academic journals. Almost all of the undergraduates have gone on to graduate school and/or careers in the academy. Dr. Fox is also interested in curricular innovation in the teaching of science, as evidenced by a

recent (though unfunded) NSF proposal to establish a peer mentoring program in the introductory widgetry sequence at GU.

- Serves as a reviewer for 10 leading scientific and scholarly journals.
- Co-editing, with Dr. Stephen Hawking, a special issue of the *Philosophical Transactions of the Royal Society A*, on the practical applications of widgetry, which is scheduled for publication in early 2016.
- Faculty advisor, GU Widgets Club, which sponsors the annual Widget Exposition. This exposition brings thousands of avid widgeters to campus for competitions, poster presentations, and networking opportunities among the members of the widget community.