
As a designer and fabricator with over ten years of museum experience, I have worked in nearly every aspect of the creative process: conception, development, design, construction, installation, and maintenance. As a technical designer, I specialized in interactive displays and the way in which interactive elements further the pedagogical intent of the exhibit. I worked closely with exhibits developers and provided subject-area consulting on diverse projects.

Experience

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| Exhibit Specialist – Naval History and Heritage Command | 2014 – Present |
| <ul style="list-style-type: none">• <i>Design and fabricate exhibit structures and mount artifacts and art work.</i>• <i>Assist the curator in the production and maintenance of exhibits.</i> | |
| Principal – Crooked Wall Design | 2012 – 2014 |
| <ul style="list-style-type: none">• <i>Worked with artists and designers to develop unique solutions to complex mounting and display problems in galleries and private residences.</i> | |
| Manager of Permanent Exhibits – Maryland Science Center | 2012 – 2014 |
| <ul style="list-style-type: none">• <i>Led complete fabrication shop refurbishment.</i>• <i>Designed, fabricated, and coordinated installation of The Shed.</i>• <i>Designed, fabricated, and coordinated installation of Planetarium queue exhibits.</i> | |
| Exhibits Technical Designer – Museum of Science, Boston | 2010 – 2011 |
| <ul style="list-style-type: none">• <i>Coordinated with designers and consultants in the construction of exhibits.</i>• <i>Responsible for primary design of specific exhibit components.</i>• <i>Responsible for all aspects of technical design: circuitry, mechanics, and cabinetry.</i> | |
| Designer and Builder – Museum of Science, Boston | 2005 – 2010 |
| <ul style="list-style-type: none">• <i>Primary 3D and technical designer for exhibits in the museum's Discovery Spaces.</i>• <i>Managed budgets and procured materials for exhibit fabrication.</i>• <i>Produced technical manual and parts list for each exhibit.</i> | |
| Writer and Editor – Panasonic Academic Challenge | 1998 – 2008 |
| <ul style="list-style-type: none">• <i>Wrote questions in physics, Earth science, math, history, literature, and grammar.</i>• <i>Developed themes for rounds and wrote questions pertinent to those themes.</i>• <i>Edited individual questions and game scripts for clarity and style.</i>• <i>Served as Science Judge for the competition.</i> | |
| Physics Teacher – Lexington High School | 1998 – 2004 |
| <ul style="list-style-type: none">• <i>Taught Conceptual Physics and Physics I</i> | |
| Physics Teacher – Lakeland High School | 1998 – 2004 |
| <ul style="list-style-type: none">• <i>Taught Physics II and AP Physics</i> | |
| Archaeological Field Technician – Coastal Environmental, Inc. | 1994 – 1995 |
| <ul style="list-style-type: none">• <i>Excavated and catalogued Native American artifacts for the Red River Levee project.</i> | |
| Nuclear Operator – United States Navy | 1983 – 1989 |
| <ul style="list-style-type: none">• <i>Nuclear operator for D1G nuclear power plant.</i> | |

William L. Rogers

70 I Street SE #803
Washington, DC 20003
Home: 301-922-0121

www.machinadesigns.com
www.crookedwalldesign.com
wlr Rogers2@gmail.com

Education

Boston University Master of Arts, Philosophy Specialization in Philosophy of Science Thesis title: <i>Does Geology Have Laws?</i>	2009
The University of South Florida Bachelor of Arts, <i>cum Laude</i> , Physics	2001
The University of South Florida Bachelor of Arts, <i>cum Laude</i> , Secondary Science Education	1999
The University of Georgia Bachelor of Science, <i>cum Laude</i> , Geology	1994
Naval Nuclear Power School	1984

Honors

2002, 2004 Who's Who Among America's Teachers
Member Arts and Sciences Honor Society – USF
Member Sigma Pi Sigma – National Honor Society in Physics – USF
Member Golden Key National Honor Society – UGA