

Marwin Machay Indio do Brasil do Carmo

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EDUCATION

University of São Paulo, M.Sc. Psychiatry 2021–
Rio de Janeiro State University, B.S. Psychology 2014–2019
Federal Institute of Education, Science and Technology, B.Tech. Chemical Processes 2008–2013

EMPLOYMENT

PsicoDados:

Statistical Consulting 2022–

FELLOWSHIPS AND FUNDING

TEACHING

Associate Professor, Mathematics, Vassar 1931–1941

Teach students about math, began career in programming and largely developed design and implementation of a computer compiler.

Director, Navy Programming Languages Group 1967–1977

She developed validation software for COBOL and its compiler as part of a COBOL standardization program for the entire Navy. Hopper advocated for the Defense Department to replace large, centralized systems with networks of small, distributed computers. Any user on any computer node could access common databases located on the network. She developed the implementation of standards for testing computer systems and components, most significantly for early programming languages such as FORTRAN and COBOL. The Navy tests for conformance to these standards led to significant convergence among the programming language dialects of the major computer vendors. In the 1980s, these tests (and their official administration) were assumed by the National Bureau of Standards (NBS), known today as the National Institute of Standards and Technology (NIST). (Source: https://en.wikipedia.org/wiki/Grace_Hopper)

PUBLICATIONS

Journal Articles

Quiterio, P. L., Nunes, L. R. O. P., Camelo, B. L., Silva, J. P., & **Carmo, M. M. I. B.** (2021). Promoção das Habilidades Sociais de Futuros Professores com foco na Educação Inclusiva. *Estudos e Pesquisa em Psicologia*.

Quiterio, P. L., Leme, V. B. R., **Carmo, M. M. I. B.**, Silva, J. P., & Camelo, B. L. (2021). Programa de orientação familiar desenvolvido no serviço de psicologia aplicada de uma universidade pública. *Psicologia Clínica*.

Carmo, M. M. I. B., Gilla, C. G., & Quiterio, P. L. (2020). Um estudo sobre a inclusão de pessoas com deficiência no mercado de trabalho brasileiro. *Interação em Psicologia*.

Ferreira, W. H., **Carmo, M. M. I. B.**, Silva, A. L. N., & Andrade, C. T. (2014). Effect of structure and viscosity of the components on some properties of starch-rich hybrid blends. *Carbohydrate polymers*.

CONFERENCE PROCEEDINGS

Carmo, M. M. I. B., Quiterio, P. L. (2019). Grupo de Orientação Familiar: uma abordagem integrativa de psicoeducação. *Anais de Resumos da 29ª UERJ Sem Muros*.

Carmo, M. M. I. B., Andrade, C. T., & Ferreira, W. H. (2013). Obtenção e propriedades de materiais híbridos parcialmente biodegradáveis. *Livro de Resumos da XXXV Jornada Giulio Massarani de Iniciação Científica, Tecnológica, Artística e Cultural - Área das Ciências Exatas.*

Carmo, M. M. I. B., Figueira-Junior, M. J. M., Andrade, C. T., & Ferreira, W. H. (2012). Obtenção e Caracterização Estrutural e Viscosimétrica de Biocompósitos Baseados em Amido Termoplástico. XXXIV Jornada Giulio Massarani de Iniciação Científica, Tecnológica, Artística e Cultural da UFRJ.

Silva, J. G., **Carmo, M. M. I. B.,** Porto, E. M., Souza, D. H. S., & Andrade, C. T. (2011). Obtenção e Caracterização de Soluções Filmogênicas para Recobrimento de Mirtilo. 9 SLACA - *Simpósio Latino Americano de Ciência de Alimentos: 'Ciência de Alimentos e Qualidade de Vida: Saúde, Meio Ambiente e Sustentabilidade'.*

POSTER PRESENTATIONS

Carmo, M. M. I. B., & Rafihi-Ferreira, R. (2021). The association between sleep-related cognitions, psychological flexibility, and insomnia symptoms. XVIII Congresso Brasileiro de Sono, São Paulo, Brazil.

Conway, B. A., **Carmo, M. M. I. B.,** Toscanini, A. C., Hasan, R., & Rafihi-Ferreira, R. (2021). Personality Traits in Adults with Chronic Insomnia. XVIII Congresso Brasileiro de Sono, São Paulo, Brazil.

Silva, D. A., Souza, J. F., Carmo, M. M. I. B., Quiterio, P. L. (2021). Programas de orientação familiar: intervenções com populações clínicas e não clínicas. 51ª Reunião Anual da Sociedade Brasileira de Psicologia.

AWARDS

1964 *Society of Women Engineers Achievement Award*, the Society's highest honor, "In recognition of her significant contributions to the burgeoning computer industry as an engineering manager and originator of automatic programming systems."

1969 *Data Processing Management Association Man of the Year* (now called the Distinguished Information Sciences Award)

1973 *Distinguished Fellow of the British Computer Society*. First American and the first woman of any nationality to be given award.

1982 *American Association of University Women Achievement Award*

1987 *Computer History Museum Fellow Award Recipient* First to receive this award, for contributions to the development of programming languages, for standardization efforts, and for lifelong naval service.

1991: *National Medal of Technology*

1996: *USS Hopper (DDG-70) was launched*. Nicknamed Amazing Grace, it is on a very short list of U.S. military vessels named after women.

2009: The Department of Energy's National Energy Research Scientific Computing Center named its flagship system "Hopper"

2016: Posthumously awarded a *Presidential Medal of Freedom* for her accomplishments in the field of computer science

SKILLS

Programming: R (proficient), Python (familiar)

Tools: Git, RStudio's Shiny, LaTeX (familiar), SPSS, JASP, JAMOVI, Zotero

Statistics Training