



Idaho State Police Forensic Services



Scott Donaldson
Forensic Scientist I
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Education:

1990 University of Minnesota
PhD Chemistry

1985 Idaho State University
BA Chemistry

Experience:

6/2019 - Present Forensic Scientist I
Contractor with ProPeople Staffing Services working for Idaho State
Police Forensic Services
Duties: Controlled Substance Analysis

1995 – 2019 Process Engineer, Engineering Section Manager, Sr. Engineering Manager
ON Semiconductor
Duties: Production of Semiconductors

1990 – 1995 Senior Scientist
Westinghouse Hanford Company
Duties: Environmental Analysis, RCRA, CERCLA

Teaching; Presentations:

1992 – 1995 Washington State University (Tri-Cities Annex) – Adjunct Professor of
Chemistry, responsible for teaching core graduate courses in organic
chemistry

9/2018 Idaho State University Chemistry Seminar – “ON Semiconductor Products
and Processes”

<https://isp.idaho.gov/forensics>

EQUAL OPPORTUNITY EMPLOYER

Revised 9/16/19

Scott Donaldson

- 11/2002 American Microsystems Engineering Forum – “Use of a Bottom Anti-Reflective Coating (BARC) for Gate Patterning at the 0.5 and 0.35um CMOS Technology Nodes”
- 7/1994 Rocky Mountain Conference on Analytical Chemistry, “Determination of Di-(2-Ethylhexyl) Phosphoric Acid (HDEHP) in Hanford Nuclear Process Waste by Derivatization GC/MS” **Scott M. Donaldson**, Jon E. Christensen and Rolland R. Grabbe, Westinghouse Hanford Company, Richland, WA 99352. (350)

Research; Publications:

Donaldson, S M; Hoye, T R; “The First Total Synthesis of (\pm)-Differolide” Donaldson, SM PhD Thesis 1990 – University of Minnesota

Hoye, T R; **Donaldson, S M**; Vos, T J; “An Enyne Metathesis/(4 + 2)-Dimerization Route to (\pm)-Differolide”, *Org. Lett.* 1999, 1, 2, 277-280

United States Patent # US 20150243501 A1- Thomason, Michael; Quddus, Mohammed, Tanvir; Morgan, James; Mudholkar, Mihir; **Donaldson, Scott**; Semiconductor Device and Manufacturing thereof

United States Patent # US 20150243557 A1 - Thomason, Michael; Quddus, Mohammed, Tanvir; Morgan, James; Mudholkar, Mihir; **Donaldson, Scott**, Semiconductor Device and Manufacturing thereof

United States Patent # US 20170076949 A1- Thomason, Michael; Quddus, Mohammed, Tanvir; Morgan, James; Mudholkar, Mihir; **Donaldson, Scott**; Grivna, Gordon, M; “Semiconductor Device and Manufacturing thereof

United States Patent # US 10388801 B1 – Mudholkar, Mihir; Quddus, Mohammed T; Shin, Ikhoon; **Donaldson, Scott M**; Semiconductor Device and Manufacturing thereof