



Dr. David D. Bleecker, PhD

FEB 6, 1948 - APR 3, 2016



Scan to Visit



DIAMOND HEAD MORTUARY
WILLIAMS FUNERAL SERVICES

Table of Contents

Obituary	Page 3
Events	Page 4
Tribute Wall	Page 5



Dr. David D. Bleecker, PhD

FEB 6, 1948 - APR 3, 2016

David D. Bleecker was born February 6, 1948 in Summit, NJ. David D. Bleecker received his PhD from the University of California at Berkley in 1973 and was appointed to the University of Hawaii that same year. He retired from the University of Hawaii in 2010.

He received the George Polya Award from the Mathematical Association of America in 1999 for a paper he co-authored "the world's biggest taco" ("A taco is the solid formed by bending a circular tortilla partway around a cylinder and filling it in the obvious way-to the border and not beyond!"; they wrote. In the paper, Bleecker and Larry Wallen used differential geometry to determine the optimum shape of a taco shell as a teaching exercise for students.)

- He authored and co-authored scholarly articles and books on Mathematics including his Thesis "Contributions to the Theory of Surfaces,
- Gauge theory and variational principles, Addison-Wesley 1981, Dover 2005
- with George Csordas: Basic partial differential equations, Van Nostrand 1992
- with Bern helmet Booss: Topology and analysis: the Atiyah-Singer index formula and gauge-theoretic physics, Springer Verlag, 1985 (English version of an originally Booss published in German book)


Dr Bleecker was a brilliant man. He was, as we all are, first, human with all the foibles and difficulties that presents. And, in the words of another mathematician "In the broad light of day mathematicians check their equations and their proofs, leaving no stone unturned in their search for rigour. But, at night, under the full moon, they dream, they float among the stars and wonder at the miracle of the heavens. They are inspired. Without dreams there is no art, no mathematics, no life." Michael Atiya (Notices of the AMS, 2010)

Services for Dr. Bleecker will be held 12:30p.m.- 1:30p.m., Thursday, April 21st, 2016 at the Upper Chapel at the Valley of the Temples.



Celebration of Life

 **Thursday**, April 21, 2016

 12:30 PM - 1:30 PM HST

 **Valley of the Temples Mortuary & Memorial Park**
HI





Tribute Wall

Dr. David D. Bleecker, PhD

FEB 6, 1948 - APR 3, 2016



Eric Matsuoka posted:

This is woefully late, but I was a student of Dr. Bleecker's back in 1985. I remember he was such a brilliant man but did not lord it over his lower-division students who were struggling to learn calculus III. It was so nice running into him at the UH Manoa cafeteria many years later. While there were some issues going on in his life, he was still the smart, kind man that I remember from 1985. I regret not having the chance to engage with him more over the years.

July 6 at 8:18 AM



Rich T posted:

Dr. Bleecker, thanks for being good friend and professor. I will never forget how helpful and kind you were. RIP, Rich

October 1 at 4:03 PM



Derrek Oyama posted:

I am honored to have been one of your students at the University of Hawaii. Please rest in peace Dr. Bleecker. Sincerely, Derrek Oyama

November 6 at 9:32 PM



Dawn posted:

My sincere condolences to your family. May you find comfort found in the words of Isaiah 25:8

May 16 at 3:52 AM



Jerry Grossman posted:

My undergraduate friend at Stanford. RIP. Jerry Grossman

May 5 at 9:28 PM



Tribute Wall

Dr. David D. Bleecker, PhD

FEB 6, 1948 - APR 3, 2016



Grace Marie Bleecker lit a candle in honor of Dr. David.

I can imagine David in deep conversation with our creator discussing the hows and whys of creation. He no longer has to ponder upon the mysteries of life. David now has all the answers he sought. I will cherish the happy memories of my 28 years of married life with David forever. Rest in Peace Darling. My love goes with you.



April 16 at 5:05 PM



Raul Abella July 15 at 8:25 AM

I remember way back in 1996 he created a program generates color-enhanced pictures of diffraction patterns. He named "Diffract" which I used. Rest In Peace Sir David. Condolence to the family.



John Hancock April 26 at 1:36 PM

David was my cousin. I always looked up to him with his mathematical abilities. John TalbotRIPON WI



Memories only last if you share them

Join us in honoring Dr. David by contributing to a collection of shared memories.



Scan to Visit



DIAMOND HEAD MORTUARY
WILLIAMS FUNERAL SERVICES