

Bernard Eastlund

From Wikipedia, the free encyclopedia

Bernard J. Eastlund (1938 – December 12, 2007) was an American physicist who received his B.S. in physics from MIT and his Ph.D. in physics from Columbia University. In 1970 he received a Special Achievement Certificate from the U. S. Atomic Energy Commission for co-invention of the "fusion torch."

Eastlund authored three patents (US Patents #4,686,605 (<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnethtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=4,686,605.PN.&OS=PN/4,686,605&RS=PN/4,686,605>), #4,712,155 (<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnethtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=4712155.PN.&OS=PN/4712155&RS=PN/4712155>), and #5,038,664 (<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnethtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=5038664.PN.&OS=PN/5038664&RS=PN/5038664>)) that, it is claimed, led to the development of the High Frequency Active Auroral Research Program (HAARP).^[1]

Eastlund also authored patent US20070238252 [1] (<http://www.google.com/patents/US20070238252>) 'Cosmic particle ignition of artificially ionized plasma patterns in the atmosphere' which was published a few months before his death. The conclusion section of the patent contains the following text.

"This invention has a phenomenal variety of possible ramifications and potential future developments. As alluded to earlier, a variety of telecommunications systems for improvement of local cellular systems, short haul stand alone cellular systems, city wide cellular systems and long haul communications systems could result. Two new approaches to weather modification and control are suggested. The first is for manipulation of the steering winds that control the development of mesocyclones, or the modification of the directions of the jet streams that influence development of hurricanes. The second is a method for influencing the electrical charge distribution in weather patterns such as meso-cyclones. Possible defense applications include a method of accelerating electrons to MEV energies in conjunction with the HAARP antenna. Research applications include the creation of bright and controlled guide stars for astrophysical purposes. Thus it can be seen that the ramifications are numerous, far-reaching, and exceedingly varied in usefulness."

He was the founder of Eastlund Scientific Enterprises Corporation (ESEC), a small company in Houston, Texas that provided scientific, engineering and technical services. However, many doubt how credible any of his research was for various reasons.

His hobby was astrophysics. His later work included co-authoring two papers in the *Astrophysical Journal* regarding pulsars, and he also presented a paper on Gamma Bursters.

Bernard Eastlund died December 12, 2007. In his final days he continued to explore research in advanced physics topics and applications, even holding meetings at his hospital bedside.

Notes

- Zey, Michael G. *The Future Factor: Forces Transforming Human Destiny* Transaction Publishers; New edition (30 April 2004) ISBN 978-0-7658-0591-1 p.39

External links

- National Public Radio (NPR) *Talk of the Nation* (<http://www.npr.org/templates/story/story.php?storyId=1118951>) program on weather modification, 23 February 2001

- Eastlund Scientific Enterprises Corporation (<http://www.eastlundscience.com/>) website (dead link 20 December 2011)

Retrieved from "https://en.wikipedia.org/w/index.php?title=Bernard_Eastlund&oldid=753231187"

Categories: 1938 births | 2007 deaths | Massachusetts Institute of Technology alumni
| Columbia University alumni | American physicists

- This page was last modified on 5 December 2016, at 23:24.
- Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.