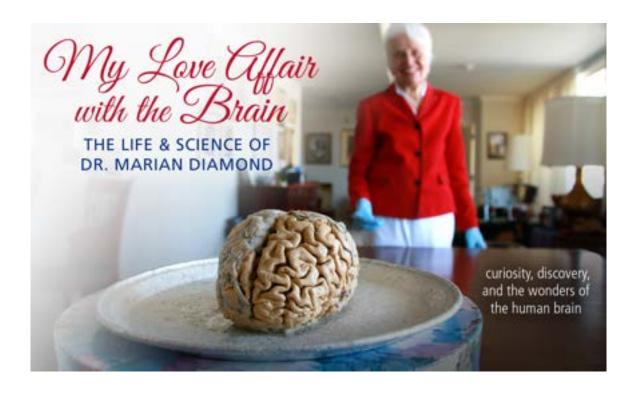
Luna Productions presents





A Film by: Catherine Ryan and Gary Weimberg Run Time/Format 57 minutes, HighDef video, 16x9, color

Not rated. Recommended for ages 13 and up (for content understanding)
World Premiere (film festivals) American Assoc. for the Advancement of Science, 2016

World Premiere (broadcast) USA, PBS, Feb., 2017 European Premiere (film festivals) Paris Science,, Oct, 2017

Producer/Directors Catherine Ryan 510-526-9500 catherine@lunaproductions.com

Gary Weimberg 510-526-9500 gary@lunaproductions.com

Narrator Mayim Bialik (actress, *Big Bang Theory, Blossom & PhD scientist*)

Downloads Stills, poster http://lunaproductions.com/press-mylab/

Website & trailer http://lunaproductions.com/marian-diamond/

LOG LINE

Want a better brain? Meet Dr. Marian Diamond ... in a film about the brain, the passion of scientific discovery, the creation of modern neuroscience, Albert Einstein's brain tissue, women in science, and love ... all via the life and pioneering research of beloved professor and YouTube celebrity, Dr. Marian Diamond.

DESCRIPTION of FILM

How can you not fall in love with a woman who carries around a preserved human brain inside a flowery hat box? Meet Dr. Marian Diamond, renowned professor and research scientist, and prepare to be smitten.

Catherine Ryan and Gary Weimberg's film follows this remarkable woman over the last 5 years of her career and introduces the viewer to both her many scientific accomplishments and the warm, funny, and thoroughly charming woman herself, who describes her 60+ years researching the human brain as "pure joy.

As one of the founders of modern neuroscience, it's no exaggeration to say that Dr. Diamond changed science, and society at large in dramatic ways through her research. Her groundbreaking work is all the more remarkable because it began during an era when so few women entered science at all. Shouted at from the back of the conference hall by noteworthy male academics as she presented her research, Dr. Diamond simply did the work and followed where her curiosity led her, bringing about a paradigm shift (or two) in the process. As she points out, in order to get to the answers that matter, you have to start by asking the right questions.

If her name isn't yet as familiar as that of Marie Curie, it should be. Dr. Diamond's work revealed previously unimagined brain capabilities. Brain plasticity (once controversial, now a foundation of neuroscience) was decisively demonstrated for the first time by her work, groundbreaking research that revised our understanding of the role of the environment in brain development. She published the first substantive scientific analysis of Albert Einstein's brain tissue, which fueled a world-wide wave of research re-evaluating the role of the glial cell. Her Anatomy Lectures have 1.7 million views



on YouTube (and still climbing), which helped launch the revolution in on-line education and made her as 2nd most popular college professor in the world as of 2010.

Her scientific and academic career broke barriers for women in science and, much like the old adage about Ginger Rogers doing it all backwards and in heels, Dr. Diamond achieved every success with steely determination behind astonishing positivity, warmth, and magnetism. Watch this to learn about an amazing woman, a brilliant scientist, a fascinating branch of scientific research, and about the core element that fuels great achievement in all endeavors: love.

REVIEWS:

QUOTES

"... a must see for every student, teacher, parent, community member, and higher education teacher prep program!"

PEGGY BROOKINS, President, National Board for Professional Teaching Standards

"Marian Diamond is to the brain like Julia Childs is to French cooking."

MARILYN BANCEL, Exploratorium Science Museum

"Reveals the soul of science through the remarkable life of Marian Diamond ..."

R. DOUGLAS FIELDS, Neuroscientist and Author of "The Other Brain", and "Why We Snap"

"Marian Diamond has made two major contributions to Neural Science that have stood the test of time. Bravo!"

ERIC R. KANDEL M.D. Nobel Prize Winner

AWARDS

Best in Festival - Audience Award, RiverRun International Film Festival, Winston-Salem, NC

Best Feature Film in Festival – American Psychological Association film festival

Best Documentary - Indigo Moon film festival, Fayetteville, N.C.

Audience Favorite Award - Mill Valley Film Festival, CA

Best Documentary - High Falls Film Festival, NY

Best Documentary, Audience Award, Durango Film Festival, CA

FILMAKER BIOS

Catherine Ryan and Gary Weimberg have spent the last three decades making documentaries that have been nominated for 5 Emmy Awards, won 2 Emmys, and short-listed for Academy Awards. Their documentaries have been broadcast on ABC, PBS, FOX, WB and around the world.

Their films with real and measurable effects on the world include; *Maria's Story*, PBS, which was cited as a crucial factor in ending the civil war in El Salvador. *The Double Life of Ernesto Gómez Gómez*, PBS, contributed directly to the presidential pardon and release of 12 Puerto Rican political prisoners after having served 19 years in prison.

Higher resolution copies of all the following articles available upon request

Marries & TV

San Francisco Chronicle

March 25, 2007

The doctor who taught you how to love your brain

By David Wingson



Marter Dismond gives Indigo Phased, A, a look at a human brain.

I just did something great for my brain and you can do the same, when the documentary "My Love Affair With the Brain: The Life and Science of Dr. Marian Diamond" airs on KQED on Wednesday, March 22.

According to the UC Berkeley professor emerita, the five things that contribute to the

continued development of the beain at any age are: diet, exercise, newness, challenge and love. You can check off three of those elements for the day by watching the film by Catherine Ryan and Gury Weimberg. No matter how smart you are, even about autotry and neutroscience, you will find newness in the information about the miraculous human beain, how it works, and how it keeps on working no matter how old you are.

That's one of the fundamentals of modern



neuroscience, of which Diamond is one of the founders. You will also be challenged to cooxider your own brain, to consider how Diamond's favorite expression. — "use it or lose it" — applies to your brain and your life. You will be challenged to consider what Diamond means when she says brain plusticity (its ability to keep developing by forming new connections between its cells) makes us "the masters of our own minds. We literally create our own manterpiece."

Before Diamond and her colleagues proved otherwise, the prevailing thought was that brains developed according to a genetically determined pattern, bit a high point and then essentially began to deteriorate. Bushwa: A brain can grow — i.e., learn — at any age, and you can teach an old dog new tricks.

Finally, you will experience the fifth element essential to a healthy brain; love, for the singular accomplishments of the now 90-year-old Diamond, who in 1953 was the first woman to earn a doctorate in anatoric from UC Berkoley, who saw her first brain when she was 15 years old, and who has taught, with singular enthesiann and sheer love of subject and teaching, more than 60,000 students in a six-decade career. And that doesn't even include the 1.7 million people who have made her the second ricest popular teacher in the world via YouTube.

Narrated by actress Mayim Bialik, the film details in understandable terms how Diamond determined that brains do better in "enriched" environments than in improverished ones, and, through studies of four pieces of the brain of Albert Einstein, found a proviously undiscovered note for parts of the neurosystem known as glial cells. Diamond maily has a love affair with the human brain, and through this juy-filled film, it's highly contagious.

My Love Affair With the Brain: The Life and Science of Dr. Marian Diamond: Documentary by Carberine Ryan and Gary Weimberg. 8 p.m. Wednesday, March 22, on KQED.



My Love Affair with the Brain - utterly charming, inspiring documentary

"Take away the brain, you take away the person."

BY CURFOR STARK - 89-19-2018



Use it. Or lose it.

"Take away the brain, you take away the person."

That's one of Dr. Marian Diamond's most famous catch phrases and quotes. Surround yourself with "enriched" environments, and your brain will benefit. So much so that, as I learned watching the fascinating documentary My Love Affair with the Brain: The Life and Science of Dr. Marian Diamond, it can even physically expand. The term used to describe the phenomena: plasticity.

WATCH: Trailer for My Love Affair with the Brain



Many were at first skeptical of the neuroscientist and her findings even after years of extensive testing on lab rats. Impossible! The brain, they said, was set at birth. DNA defined its size and ability. It would grow, limited by its pre-defined characteristics, and they decline with age. The process was surely pre-ordained, and not influenced by our environment. Even confronted at conferences in the 1960s and 1970s. Diamond would persist, and, eventually

prevail thee "Chemical and Anatomical Planticity of Brain: Changes in brain throughmience, demanded by learning themies, are found in experiments with rate", 1964). Turns out our brain is, in fact, mallwable.

Plasticity was just one of many significant discoveries her research would uncover over a career that would span some six decades.

Another milestone: she was the first scientist to analyze the brain of Albert Einstein.

According to local filmmakers Catherine Ryan and Gary Weimberg, Marian Diamond only just retired, stepping down from her post at U.C. Berkeley in 2014, at the age of 87, after a storied career. Still energetic, witty, and as passionate about sharing her learnings and knowledge with others, her lectures and You Tube videos have become among the most popular in their field. Indeed, science can be

One utterly charming scene in My Love Affair with the Brain occurs when Diamond presents the brain (which she carries around in a giant flowery hat box) to a young girl. She watches, fascinated, while the professor unveils an actual human brain,

SCIENTIFIC HIGHLIGHTS of MARIAN DIAMOND'S CAREER



- . One of the founders of modern neuroscience. Her pioneering research preceded the very term
- · Errichment and brain plasticity thew the brain changes due to experience and environment) are concepts we now take for granted, but they were a scientific bettleground where Dr. Diamond decisively challenged the old view of the brain as fixed. and unchangeable. She was the first to find actual evidence of plasticity in a brain, changing forever our understanding of the brain ... and ourselves.
- · First to publish a study of Albert Einstein's brain fueling yet. another paradigm change, a renewed appreciation of glul cells. the SON of the brain that, previously, was said to do nothing."
- · Her YouTube Anatomy lectures have nearly 2 million hits, making her the teacher of the 2nd most popular college course in the world, and inspiring the NY Times to call her "one of the tweely celebrities of cyberspace."

How can you not fall in love with a woman who carries around a preserved human brain inside a giant flowery hat box?

and proceeds to explain the frontal labe. As viewers we are equally transfixed as the transfer of knowledge and learning process unfolds, Inspirational and magical - as is the girl's expression. Wonderful stuff.

While I can't write a full review, I can highly recommend you seek it not at the Mill Valley Firm Festival. There it will screen three times (Oct. 13, 14, 15). I hope many people see it. Marian Diamond shattered the glass ceiling in the field of science, but apparently never used the fact that she was swimming upstream in a male-dominated field as a crutch, or excuse.

That Marian Diamond is as enthusiastic and gregarious late into life perhaps reinforces her theory that the brain does benefit from five essential items: diet; exercise; challenge; newness; and love.

Pure joy.









Clied has produced intent for Stark Institute since 2006. Recent projects include short WORKED shot in the Baja, mile-doc with POINT/DISK in Napa, and are doc simple(i); smill(100; 665) at the San Francisco Art Institute, He regularly servers about Carrier O'CR and Timmaring, His Broadway shorts, such as SHIER UNMALKED, have garriered actions, hie's worked with DreumWorks, Draney on lost, Cirque du Soleil, and "studied uniter" für Clint also writes about the San Francisco arts scene, Napa, Silcon Valley and garigets, More about Clint; Sci. | SICH | Ger Lin





New documentary offers a glimpse into the life of a neroscience icon



NEUROSCIENCE

My Love Affair with the Brain The Life and Science of Dr. Marian Diamond Catherine Ryam and Gary Weimberg, directors Luna Productions. Airing on PBS in March and April 2017; check local listings. "Young lady, that brain cannot change!" a man shouted at Marian Diamond at the annual meeting of the American Association of Anatomists in 1964. Diamond, a Berkeley-trained anatomist and one of only a handful of female speakers, had just presented research demonstrating that environmental enrichment can alter the structure of the adult rat brain, a discovery that would establish her as a pioneer in the field of neural plasticity. Tracing the highlights of her groundbreaking 60-year career, My Love Affair with the Brain offers viewers a feel-good, firsthand account of the neuroscience icon's life and work.

10.1126/science.aam9387

sciencemag.org SCIENCE

1030 10 MARCH 2017 - VOL 315 ISSUE 6239

https://blogs.scientificamerican.com/guest-blog/whats-the-best-way-to-talk-about-science/ March 1, 2017





What's the Best Way to Talk about Science?

The importance of biography in the scientific narrative





Deat Lyte Protections Howe

by Gary Weimberg

For most of the last decade, I've been noticing the failure of contemporary science to tell its own story. While I'm not a scientist (although my father was), I am a seasoned, Emmy-award winning documentary film maker and telling stories is what I do. That has helped me to see an important problem with the narrative of contemporary science ... and a potential solution as well ...insights that emerged during the 6 years that my partner Catherine Ryan and I have been producing and directing our first science documentary, soon to be broadcast on PBS, "My Love Affair with the Brain: The Life and Science of Dr. Marian Diamond."

The documentary is part biography, part scientific adventure story, and part inspirational tale about one of the founders of modern neuroscience, Dr. Marian C. Diamond, Professor Emeritus at University of California, Berkeley. It is no exaggeration to say that her research changed not

Article continues at this link:

https://blogs.scientificamerican.com/guest-blog/whats-the-best-way-to-talk-about-science/

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Marian Diamond's love for the brain is infectious



UC Berkeley professor emeritus Marier Diamond is the subject of a charming new documentary. (Courtesy

By Leede Kata on March 30, 2017 12:00 pm





It's hard to resist an octogenarian human brain around in a hat box. It's hard to resist an octogenarian lady scientist who carries a

"My Love Affair with the Brain: The Life & Science of Dr. Marian Diamond," a new documentary airing this week on KQED Channel 9, tells the remarkable story of the retired University of California, Berkeley anatomy professor whose research broke ground, and whose lessons inspired thousands.

Describing their project as "part biography, part scientific adventure story and part inspirational tale." Berkeley filmmakers Catherine Ryan and Gary Weimberg (who made the movie over five years) call Diamond a 'brain whisperer.'

The entertaining documentary touches on her work in the 1960s, which revesled, for the first time, connections between rats' brain size and their environments (those in "enriched" settings. in cages with companions and toys were found to have larger cerebral cortexes than those who

Further studies indicated that humans have control over their own brain function, with the charming Diamond, who is interviewed throughout the film, advising with cheer. "Use it or lose it."

Other scenes cover her research on Einstein's brain - she was able to obtain sugar cube-size pieces of it - that found that the man who discovered the theory of relativity had more glial cells. (support cells in neurons) than the average person.

Her fans include poor Cambodian orphans she helped by putting into practice what she learned about "enriched" environments, their achievements increased, having been provided a better diet. as well as lessons in a positive setting.

Delightfully, the filmmakers even talk about love. In one sequence, Diamond discusses how love and nurturing aid the brain, as she pets a rat, and in other scenes, she and her husband Arne Scheibel, a retired UCLA professor of neurobiology and psychiatry, share thoughts about their romance and long-distance relationship.

In old-fashioned lectures, the impeccably coiffed Diamond uses chalk on a blackboard and engages students with charm and humor; these anatomy classes, on YouTube, have a following of more than 1 million viewers.

New York University professor of neural science and psychology Wendy Suzuki, another captivated follower, describes how "rock star" Diamond's class affected her own career, and how she has her own hat box holding a brain.

My Love Affair with the Brain: The Life & Science of Dr. Marian Diamond

Starring Marian Diamond, Ame Scheibei

Directed by Catherine Ryan, Gary Weimberg

Not rated

Running time 1 hour, 5 minutes

Note: The film screens at 8 p.m. Wednesday, March 22 and 2 a.m. Thursday, March 23 on KQED 9.

San Jose Mercury News

Entertainment > Movies

UC Berkeley professor's sparkling career captured in 'Love Affair With the Brain'



UC Berkeley professor Marian Diamond appears in a scene from "My Love Affair With the Brain."

Luna Productions

By RANDY MYERS, CORRESPONDENT | Mercury News, Bay Area News Group PUBLISHED: November 14, 2016 at 10:00 am | UPDATED: November 14, 2016 at 10:17 am

If you couldn't make it to the Mill Valley Film Festival, you missed the delightful "My Love Affair With the Brain," a documentary from Catherine Ryan and Gary Weimberg about the remarkable achievements of retired Cal professor Dr. Marian Diamond. But you're in luck. Oakland's New Parkway Theater will screen this entertaining documentary 7 p.m. Nov. 15, Tickets are \$10-\$12. A post-film discussion follows. For more information, visit thereworkway cont.

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MOVIES NOT TO MISS





MY LOVE AFFAIR
WITH THE BRAIN:
THE LIFE & SCIENCE OF
DR. MARIAN DIAMOND

Playing: 10 a.m. Friday, Gaslight Theatre; 6 p.m. Saturday, Gaslight Threatre

Dr. Marian Diamond carries

a preserved brain around in a hat box to show to students. She's will utterly charm you with the joy she takes in science. Discover the mysteries of your own brain and the 90-year-old YouTube megastar who helped to found the field of neuroscience.



"Scientific literacy is empowering"

Gary Weimberg talks about his documentary on neuroplasticity pioneer Marian Diamond and makes a plea for more science literacy



Marian Damond, Image: Late Productions

BOLD STREET III

science documentary. Why did you decide to make a film about neurobiologist Marian Diamond?

Gary Weinberg: My partner Cathy (Catherine Ryan) and I had just completed a documentary on soldiers—when you're in the army, you learn anatomy for the purpose of killing effectively. We wanted to go the opposite direction and look at telling the story of human anatomy for a positive, life-affirming reason. We found Dr. Marian Diamond on YouTube, where her integrative biology lectures at the University of California at Berkeley have had millions of views. We called her up and asked if we could make a documentary about her and her research, and she said, "If it will advance the cause of science, okay!" And then we had the privilege to spend five years with this amazing woman.

CSG: Why is it important to learn about science?

GW. I think learning about science is empowering for people. The scientific method is a very reliable way for understanding the world around us. Through questioning, research, inference, collecting data, and analysis we come up with information we can trust and rely on. By comprehending and learning to use the scientific method, we can deepen our understanding of the world.

But all too often science as a topic tends to suffer because it's easy to make it boring. Even contemporary science, which is depicted via breakthroughs, new developments, and explorations of state-of-the-art science, becomes reduced to facts and figures, not much about people or personalities.

article continues here: http://bold.expert/scientific-literacy-is-empowering/

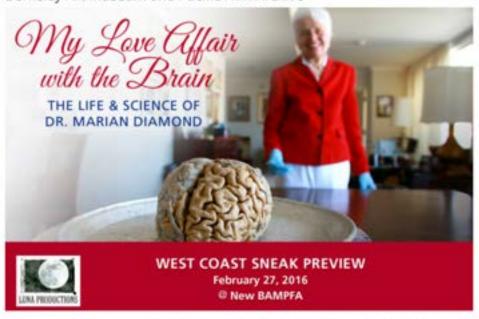
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About Science@Cal

Lectures & Events . Cal Science News

February 27, 2016 at 1:00pm Berkeley Art Museum and Pacific Film Archive



Please come to this free special sneak preview screening and program in celebration of Dr. Diamond and her pioneering contributions to modern neuroscience.

Presented by BAMPFA, the Helen Wills Neuroscience Institute, Lawrence Hall of Science, Department of Psychology, Division of Biological Sciences, Integrative Biology, Molecular and Cell Biology, Center for Research and Education on Aging, Cal Alum and Luna Productions.

My Love Affair with the Brain is a soon-to-be-on PBS documentary about the brain, the passion of scientific discovery, the creation of modern neuroscience, Albert Einstein, women in science, and love - all via the life and research of beloved professor and YouTube celebrity, Dr. Marian Diamond.

Marian Diamond's research demonstrated the impact of enrichment - a powerful new understanding of the brain that has literally changed the world, from how we think about ourselves to how we raise our children. Dr. Diamond demonstrated anatomically, for the first time, what we now call plasticity and in so doing, shattered the old paradigm of understanding the brain as static and unchangeable.

Directed and Produced by Catherine Ryan and Gary Weimberg of Luna Productions. Join us for a special prerelease screening at the new BAMPFA!

Seating is limited. Please arrive early to guarantee seating.

For more information: contact: Catherine Ryan Catherine@Lunaproductions.com.

Berkeley honors Marian Diamond, who radically changed how we think about the brain

B berkeleyside.com/2017/03/14/berkeley-honors-marian-diamond-radically-changed-think-brain/

Kate Darby Rauch March 14, 2017, 2 p.m.



When Marian Diamond was growing up in Southern California, she got her first glimpse of a real brain at Los Angeles County Hospital with her dad, a physician. She was 15. Looking back now, at age 90, Diamond, a Berkeley resident, points to that moment as the start of something profound — a curiosity, wonderment, drive.

"It just blew my mind, the fact that a cell could create an idea," Diamond said in a recent interview, reflecting on her first encounter with that sinewy purple-tinged mass.

She didn't know that this was the start of a distinguished legacy that would stretch for decades, touching millions. But today, she'd be one of the first to scientifically equate that adolescent thrill with her life's work.

Because she helped prove a link.

Brains, we now know, thanks in large part to research by Diamond, thrive on challenge, newness, discovery. With this enrichment, brain cells are stimulated and grow.

This week, Diamond, a UC Berkeley emeritus professor of integrative biology and the first woman to earn a PhD in anatomy at Cal, is being honored by the Berkeley City Council, which is designating March 14 as Marian Diamond Day.

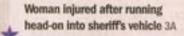
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 $page\ I\ of\ 4, ``Berkeley\ honors\ Marian\ Diamond''\ continued\ here: http://www.berkeleyside.com/2017/03/14/berkeley-honors-marian-diamond-radically-changed-think-brain/ally-changed-think-bra$



FILM BUFFS REJOICE

Are you ready for some independent films? 10



Durangoans in Italy for worlds 1B

Durango Film kicks off Wednesday night



A week at the

BY NAME CHICKTHORY-CONST NOTES STREET, A STREET, A STREET, CANSO

orionges Films: Ass Inslependent Film Festival is in its Little year of heraging one receive, year or no-different. Res-makers to Durnings, and this year is no-different. Res-13th year of bringing coal movies, purels and filmsing from Websiday through March 5 the tim feet offers

The movies will kick off Webweley night with the festirad's Free Movie Night. No passes are required, and entry to the chose at the Goolight Thratte are tirel come, first served. Here are some movies you don't want to miss

My Love Affair with the Bruin:
The Life and Science of Dr. Marian Diamond.
How too you not fail in love with a woman who carries a preserved human huma busis a flowery hat box? As one of the flounders of modern restrictions, it is as maggin attention to that the Marian Diamond has changed science to dramming a vieto over the transcription or acree if the grandflowiding work is all the moter remarkable becomes it began in as or a state, or the woman reproduction at all.

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If you go

DUESS

(DIFF)

THE PROFESSOR WHO STUDIED EINSTEIN'S BRAIN

A talk with Luna Productions about Dr. Marian Diamond and 'My Love Affair with the Brain'

BRAINS: Specifically, Albert Einstein's. For 26 years, Einstein's preserved brain was waiting for someone to study it, then – basinga! – Dr. Marian Diamond made it happen. That ain't all she's done, either.

Diamond is a 90-year-old scientist and YouTube sensation who has worked in neuroanatomy for 60 years. She's the subject of the documentary "My Love Affair with the Brain: The Life and Science of Dr. Marian Diamond," which is playing at the Durango Independent Film Festival on Friday at 10 a.m. and Saturday at 6 p.m. at the Gaslight Theatre, 102 E. Fifth St.

DGO chatted with Catherine Ryan and Gary Weimberg of Luna Productions about who the heck Dr. Marian Diamond is and why they made a movie about her.

Who is Dr. Marian Diamond?

Gary Weinsberg: Two major things she's a pioneering researcher and she's a truly beloved professor. fact I always mention is that her YouTube anatomy lectures have 1.7 million hits, which makes her the fifth most popular college professor in the world.

In terms of hard science, we could call her one of the founders of neuroscience. Her breakthroughs in what we call brain plasticity are one the pillars of neuroscience.

Brain plasticity?

Welandseegs It's the fact that our brains are not totally determined by our genetics at birth. What we do, how we think, and the emvironment we are in - whether we are stimulated or not stimulated - has huge effects on our brain. - Marian Diamond says that the brain is similar to any other muscle, you use it or lose it. What's arrazing about this is that people didn't used to believe that. We were prisoners of our own genetics. She is the first person to ever to have hard evidence that decisively demonstrated that the brain can change based on what you do.

Dish more dirt on Dr. Diamond.

Welamberg: She is the first person-ever to publish a study on Einstein's brain. When I say that, there is a "Yeah, duh" factor. Like of course! If you are a brain scientist, of course you would want to study Einstein's brain. But the fact of the matter is that that happened 26 years after his death. No one else had thought to do that before Martan Diamond. It seems obvious, but this is one of her gifts as a scientist. She has the gift of asking the right question that yields an important answer.

How did Luna Productions come to create a Marian Diamond documentary?

Catherine Ryan: We had finished another longterm, in-depth documentary that was about war. It was called "Soldiers of Conscience," It was in film festivals and it did very well, but it was a grueling experience to spend five years inside the heads of soldiers and really understanding their lives... Documentaries so often portray the harshness of life. I needed to find something that was not so harsh and maybe.

even something that was elevating. Not silly, but good news, When I came across Marian Diamond and her anatomy lectures, I was meamerized and I was not a scientist. I do not come from a science background. The fact that she could turn me on to being interested in hearing the minutia of anatomy, I thought, "I gotta at least meet this woman."

What kind of questions did Dr. Marian Diamond ask?

Byzama Part of what is so interesting is that Marian Diamond was always looking and asking questions that would result in people having a more enhanced possibility for life. She didn't do any work on pathology. Which is interesting. Most people who study anatomy and who are in neuroscience study disease. It's very important work, but it's so interesting that her questions weren't about disease. They were questions like, "Can our brain still grow when we are over 90 years old?" and "Are there differences between male and female brains?" and "What might those differences mean?" Questions about potential.

What do you think the impact of the film is?

Wellandsergs If you are empowered to understand your own brain, you're more of who you are. You are better able to deal with the world. You are so much improved in the quality of your life. We call it the Marian Diamond effect. You watch her for an hour and you really

Courteey of Lana Productions

... Dr. Marian Diamond

can have your whole life changed for the better.

There's also an educational level. Marian is retired from teaching, but if this film can continue her teaching to tens of thousands more students, that's good for society. Marian has, more or less, created a significant part of a generation of doctors and scientists through her 60 years of teaching. That's an incredible achievement that I would hope, in some way, could go on forever.

Documenting Marian Diamond means preserved brains laying around. What's it like being around brains?

Weisnberg: What you don't know is how stinky that brain in the hat box is. If you think it is gross visually, wait till you smell it. WHOOO – people leave the room! It's the formaldehyde.

Check out "My Love Affair with the Brain: The Life and Science of Dr. Marian Diamond" and other rad movies at the Durango Independent Film Festival. More info at http://durangofilm.org.

This interview has been edited and condensed for space and clarify.

Editor's note: DGO is an official sponsor of the 2017 Durango Independent Film Festivol.

Patty Templeton
 DGO Staff Writer

DGO Magazine ...

..... Thursday, March 2, 2017 | 15

Movies



MOVIE REVIEWS >

DOXA 2016 review: My Love Affair with the Brain

(USA)

by Lucy Lau on April 27th, 2016 at 4:36 PM



Dr. Marian Diamond keeps a preserved human brain in a delicate hatbox, eagerly uncovering the spongy organ for anyone who shows even the faintest of interest. And it is utterly fascinating.



A revolutionary figure in modern neuroscience, Diamond is a rock star as seen through the lens of filmmakers Catherine Ryan and Gary Weimberg. Her groundbreaking studies are chronicled with care, offering a thoroughly inspiring crash-course in human anatomy that many academics still take for granted today.

But even more captivating than the research is the woman herself: a subject of undying curiosity, charm, and an infectious zeal—even in the face of rampant sexism—which makes the answer to her question, "Don't you just love the brain?"

—ahem—a no-brainer.

SHOWTIMES May 8, 6:30pm The Cinematheque







Video

New documentary focuses on neuroscience traliblazer Marian Diamond



A woman places a colorful halbox on a table and puts on rubber gloves. She carefully reaches inside removes an unexpected object that she nails the "most magnificant shurture on this earth - a human train

rut, professor emeritus at the University of California Berketey, and the hutbox is typical of the way she mises science with everyday life to engage people and spark interest in anatomy. A new documentary, My Love Affair With The Brain, lefts the plory of her remarkable career, which helped set the translation for incident neuroscience, and which trauthed students across the globe.

Diamond's research began with an investigation into the relationship between brain shucture and an individual's surpondings. She developed techniques that allowed precise measurements of changes in anatomy, and compared the brains of rate in enriched environments — cages filled with stimulating activities and rat social reflects— to those in non-enriched environments. Her team's research showed that happy. active rats had 6% more brain material

Anatomists had long thought that brain shyclure was static, so Diamond's finding was both revolutionary and controversial. Subsequent studies confirmed the result and expanded it to humans. Brain planticity is now a

in folioe-up work. Diamond found that five specific areas contribute to a "better brain": good died, exerci solving challenging problems; neerless and learning, and love. Spring these, and deputation of the brian's structure becomes a risk. Diamond says that when it comes to brain health, it's true: "Use it or lose it."

Diamond's proneering efforts were not just in the research itself, but also in her role as a woman in the early days of neuroscience. She was the first econan awarded a Ph.D. in anatomy from Berkatey, to one episode in The film, she describes how a male coheague just her name in parentheses in the author line on a draft of a paper – hot to diminish her work. — anally because he was unsure if he needed to do something different for a female co-author. After a conversation with Chamond, he removed the parentheses and their productive

Dismorid has also become well known for her teaching. She developed an undergraduate analying course that became so popular among undergraduates that more than 60,000 students have taken it on computenough to fill Berkelov's Memorial Station. The achieved international science mot star status following the posting of her lecture series to YouTube in 2007. The lectures have reached more than 2 million people, and she regularly receives correspondence from tens worldwide.

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rttel was given a areak peek of the film and spoke with the filmmakers Catherine Ryan and Gary Weimberg of Luna Productions. The pair has been working on the documentary for five years

Ryan says she had been looking for stories related to Berkeley, and initially discovered Diamond through the YouTube tectures. The not a person who comes from science at all," she says. "Marian's passion for what she loves, what she's researched, and how she delivers it to other people was so powerful that I was just inmediately engaged."

Even at age 69. Dismond health the walk" according to Ryan, and actively seeks new experiences to keep. her brain active. Weimberg says that made her easy to work with. "If I would propose something to Marian that she had never done before, her definit answer was, "Theren" done that before, so yes, let's do it." How

As part of the project, Ryan and Weimberg have also released a series of short web episodes an experimental approach for them - simed at engaging the audience that knows Diamond through YouTube. The range of responses they've received shows the breadth of people whose lives she has touched.

'We been fuscinating to start to take the measure of this community of people who love Marian or whose lives she has influenced." Waintberg says.

My Love Affair with the Brain THE LIFE & SCHOOL OF

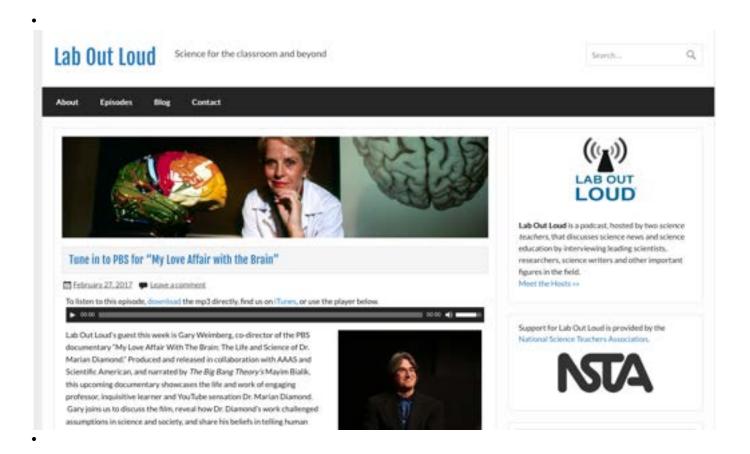
Ryan explains, "As people find out about this film, they've gotten in touch with us —former students, people who are doctors and researchers in the field—who talk about what an incredible role model she is."

This is Luna Productions' that fung into creating a filtre about science, but it is not likely to be the last. berg says that science is lettle ground for meaningful storytelling

"It's been a pleasure to blend the operatio with the personal, so that you come away knowing that sole are people too, and have passions and clear about how to make the world a better place." he says. "Our goal was to make a film that would be a powerful tool to encourage scientific literacy and spreading this rose model for women and girls in STEM. I want anything we do as a firm to serve a larger purpose."

The film will be shown at the 2016 AAAS Annual Meeting in Washington, D.C. on Sunday, Febraury 14 from 6:30 p.m. to 8:30 p.m. EST in the Diplomat Ballroom of the Omni Shoreham Hotel, Register Here. Contact rgass@aaas.org for more details.





For more information contact

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