

Academic Monitor

1ST QUARTER 2020

VOLUME 14 ISSUE 1



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FROM THE DESK OF THE COMMANDER CES

TJ ALLEN



WELCOME!

Come One, Come All!

The 1st quarter of 2020 has been setting up with the new administration. The CES office has three campuses under it, STARFLEET Academy (SFA), STARFLEET Marine Corps Academy (SFMCA), and the new MACO Training Centre (MACOTC).

MACOTC is from STARFLEET Academy. It is a combination for the Institute of MACO (IMACO) and Institute of Military Studies (IOMS).

We are still moving courses to Moodle and hope to get all three campuses there.

The Support Administrator set up a Facebook Group for the Educational Department at [LINK](#).

This group will serve as a central point of contact for files open to the Fleet, such as the Course Catalog and the Academy Newsletter, for news, and announcements, and for Members to ask questions. Please if you join this page put in your SCC number and agree to the questions. If not, then you will be declined entry.

I want to thank Carol for starting the first quarter as CES off with a bang (LOL). I asked her to stay on as the Support Administrator until I put out a call

for one through the HR System. She has agreed.

I want to thank our webmaster for his dedication to maintain the Website and keep Moodle going where he can.

I want to thank Jill Rayburn for agreeing to stay on and be my Vice as well as being Commandant of STARFLEET Academy.

I want to thank Kelli Caplette for being the Commandant of MACO Training Centre and helping support other positions in both STARFLEET Academy and MACOTC.

And last but not least the new Superintendent of SFMCA, thank you to Shane Russell for trying to coordinate the SFMCA with the other two Campuses.

AND for the final thanks I want to thank you all, from the CS Steven Parmley to the VCS James Herring to the AB and all the way down to the crewman on each ship. If it is not for you either taking courses or stepping up to assist in the campuses, we cannot make this work. Remember, you are the reason for the Campus and the CES. We are here for you.

Major General TJ Allen, MACO
Chief of Educational Services
ces@sfi.org

SFA COMMANDANT'S LOG

JILL RAYBURN



Greetings, family!

That's right... family. For those who don't know me, I am Jill Rayburn, Commandant of STARFLEET Academy, and the Vice-Chief of Educational Services. My belief is that SFA is one big family, not just staff and students, not just friends, but family.

As a family, I want to express my sincere hope that everyone can stay safe and healthy at this time. I know that things are hard for all of us right now, but the current crisis will not last forever. Some things may be forever changed, perhaps for the better and perhaps not. In the end, I hope that our families, communities, and countries around the globe will be stronger, and that will only happen if we support each other.

There has never been a better time to be a student at SFA. Bored staying at home? Finish taking those courses you have been putting off, or find a new college to explore. Feeling isolated? Suggest to your chapter that you have a virtual movie night and watch some of the movies from out newly re-opened College of Superheroes (or some of our other wonderful movie-based exams). Looking for a little friendly competition? Issue a challenge within your chapter, or even to other chapters, to see who can complete the most courses.

One thing that the staff is trying to do at this time is provide a sense of stability. It is our goal to continue to have exams processed and graded within our normal timelines (7 days for automated exams, 14 days for exams returned by email). I feel this is very important right now, as everyone can use that stability to help with our mental health. If you are having a problem with a college Director not meeting these timelines, please do not hesitate to take appropriate steps (as found in the STARFLEET Academy Orientation College Manual), and please know that my door is always open to students. I am

happy to help you resolve any issues.

The staff does have one request... while we want to see more students taking more course, we do ask that students remember that we are all volunteers. While we are striving to keep things normal, please make sure you are not overloading our Directors. Please do not return more than five exams at a time to any Director, and please do not send another set of exams until the Director has sent you the results for the previous set.

If you have ever considered joining the staff at SFA (or the other campuses), now is a great time for that as well. There are several openings listed at <http://sfi.org/humanoidresources/> and there are almost always openings for Assistant Directors. If you are interested, please read the job information at the site, fill out an application, and also drop me an email at sfa-academy@sfi.org so that we can discuss possibilities.

In closing, I want everyone to enjoy their experiences at SFA. Students and staff alike, I hope that every time you visit our halls, you come away with a smile. Ok, staff members ... you want to know how I expect you to smile when doing reports and making revisions, and the other things we tend to see as "work" for others. Just remember that every grade you record made someone else smile, and every exam you revise will be taken by students who are grateful for the time we freely give. So yes, I think that our whole family can smile, knowing that we are all enjoying our time spent together in various ways, and showing our love for Star Trek and the other things that bind us.

General Jill Rayburn
ces-vice@sfi.org



SFMC SUPERINTENDANT'S LOG

SHANE RUSSELL



State of TRACOM

It has been a busy month in TRACOM.

First, I would like to welcome Johnathan Wilson to the Infantry branch. He will serve as the SFMC Infantry Branch Director. Michael Timko will be the assistant director. Both are working hard to bring the Infantry Branch. I look for new items in that branch.

Maritime operations will be headed by Michael Denman. I look forward to new improvements this branch. We have been without a lead for a long time. I look forward to seeing great things in his tenure.

Mecha, where to begin. Mecha has been a long awaited and one of the biggest Branch's in the SFMC Academy. Our Director is working hard to bring this to light. He is currently revising course materials and looking for new designs and SFMC Originals to make this branch unique to SFMCA. He will be working to bring this to everyone. I ask that everyone, be patient. But at the same time, know it is one of our biggest hot topics to bring to the forefront. The courses and materials will go through the proofing process, just like any of our other courses.

I am additionally looking at the other branches and reviewing materials and Exams for them. I want to

get all updated and revisions of topics for current SFMC world. Medical branch is working on revisions in the medical branch also.

Academy grades currently are not being entered in the Database. I apologize, but I do not have a timeline for when the grades will be updated in the database. We currently keep spreadsheet that we can look and view grades. I do not have an estimated timeline on when grades will be entered into the database. Ribbons and devices will not be updated into the database at this time. I will follow up with Senior leadership on a plan for how we can update or load them into the database. However, be advised, that for devices and ribbons can be verified by the courses that are completed.

I will have more to follow in the upcoming month

Shane Russell

MGN, SFMC

dcotracom.training@sfi-sfmc.org

MACOTC COMMANDANT'S LOG

KELLI CAPLETTE



Greetings from the MACO Training Center!
I am happy to report that the MACOTC is off to a great start.

I would like to take a moment to introduce my Staff.

Commandant/Support Coordinator:
FCAPT Kelli Caplette (macotc@sfi.org)

Vice Commandant/Academic Coordinator:
FCAPT Donald Dobrin (vice.macotc@sfi.org)

Course Development Committee:
RADM Denise Rush
MGEN TJ Allen
MGEN Bruce O'Brien

Recognition (Boothby/TIS):
COMM Franklin Newman, III

Electronic Services/Master Archive:
RADM Jayden Tyronian

Dean of Institute of Military Knowledge:
ADM Richard Hewitt

Acting Dean of Institute of Military Studies:
MGEN Bruce O'Brien

Dean of Institute of Special Operations:
FCAPT Kelli Caplette

The Institute of MACO (IMACO) was moved to the MACO Training Center and the courses were split out among the three Institutes listed above. Directors are in the process of updating their materials to show MACO Training Center, in place of STARFLEET Academy.

We are also in the process of updating our materials with the following information:

- Instead of the Director's email listed on the exam, they will now read "Please return your answers to the Director shown on the College page in Moodle."
- "Revised" date is also being added to the cover page.

These changes are being made to help reduce the need to update the materials every time the Director changes. So, please make sure that you return the exams to the Director listed in Moodle.

There were a few hiccups with Moodle and our Server site, but now those have been remedied and Moodle is back up and open. Thank you to Jayden Tyronian for all his hard work in getting Moodle operational again!

I have an open-door policy, so you are always welcome to reach out to me with questions or concerns. I do ask that you follow the chain of command regarding course issues, however.

I'm very excited about where the MACOTC is headed. We look forward to working with you.

FCAPT Kelli Caplette
Commandant, MACOTC
macotc@sfi.org

ROBIN FLEMING

IN LOVING MEMORY

STARFLEET is built on the ideals and greatness of those that choose to make it their calling in life. Heroes who guide and inspire us. Those that teach us more about ourselves and give us the strength to aspire.

It is with great sadness that we have recently lost one of these heroes.

Captain **Robin Fleming** sadly passed away on the 20th of January.

She joined the crew of the USS Freedom in March



of 2015, where she immediately began hitting the Academy books. Her love of knowledge was evident as she managed to complete roughly 2000 exams, and eventually served as Dean, Assistant Dean, Director, or Assistant Director, of 16 different SFA Colleges.

She was also actively involved in many different aspects of STARFLEET, Including the Region 1 Awards Program, SFA academic coordination, and editing of the SFMC Newsletter "Attention on Deck".

Her hard work also saw her receive multiple awards for academic excellence and leadership, as well as Region 1 Officer of the Year in her first year in STARFLEET. She was promoted to captain in February of 2017, and eventually took over as

CO of the USS Freedom in June 2018.

In Memory of Robin's devotion to knowledge, the Boothby 1950 - Emerald Star will be renamed to the Boothby 1950 - Robin Fleming

"I never had the chance to meet Robin in person, but we got to know each other via e-mail. Robin was a wonderful person. She was always stepping up to help where she could and she had a great sense of humor. I can't believe she is gone, and I will miss her."

Kelli Anne Caplette

The following was also announced:

Attention to Orders.

On behalf of Fleet Admiral Steve Parmley, Commander, STARFLEET, and the Executive Committee, it is my solemn honor to announce the posthumous promotion of our late Captain Robin Fleming to the grade of Commodore. For exemplary service to STARFLEET as Chapter Commanding Officer, SFA Academic Coordinator, SFA Dean of IOIS, SFA Dean of IOSC, and Director or Assistant Director of fifteen SFA/SFMCA Colleges at the time of her passing. Since her last promotion, Captain Fleming completed 760 SFA/SFMCA courses, earning Boothby Awards 1200 through 1950, Red Squad Member (3x), Academic Excellence Award (3x), 3 SFA Doctorates, Director of the Year, Assistant Dean of the Year, and the Academy Commandant's Star. Captain Fleming's tireless devotion to duty, selfless charitable spirit, and infectious positive attitude reflect greatly upon herself, her ship, and STARFLEET.

V/r,

CAPT William Ramsay, KJ4YDL

Commanding Officer, USS Freedom (NCC-71817)

She serves as an example and inspiration to us all, and we are honored to aspire to the example she set as friend and mentor to those that she knew.

Robin's parents have created an online obituary where those who would like to say a few words about her, can pay their respects.

<https://www.haywardsfuneral.ca/obituary/robin-fleming/>

ACADEMY INFORMATION

Further information about the Academy, its staff and faculty, courses offered, and scholarships will be found at the following website:

academy.sfi.org

If you take your exam online through our [Moodle system](#), you will receive your grade and certificate immediately after you take the exam. Your grade will be entered within one week.

WATCH YOUR CAREER
TAKE OFF...
JOIN STARFLEET
ACADEMY NOW!



SO YOU WANT TO BE A DIRECTOR OR ASSISTANT DIRECTOR?

For SFA and MACOTC the basic requirements are:

Be at least 18 years of age.

Have taken OTS and SAOC exams.

To assume a vacancy, you must complete:

20% of the courses in a college, or a minimum of 3 courses, whichever is higher.

To see what openings are available and apply please go to:

[Humanoid Resources](#)

To direct a College of your own creation, first check the College Catalogue to make sure your idea is not already being used.

If the concept is not being used elsewhere, submit a College outline, exam, and key, to the Course Development Contact (CDC).

The CDC will determine where your College fits within the Academy structure and introduce you to your Dean, who will lead you through the approval process.

To apply for a new college please contact:

[Franklin Newman III](#)

For SFA please contact: [Jill Rayburn](#)

For MACOTC please contact: [Kelli Caplette](#)

For SFMCA please contact: [Shane Russell](#)

CAMPUS COMMAND STAFF

SFA

COMMANDANT

Jill Rayburn

VICE-COMMANDANT

Accepting Applications

ACADEMIC COORDINATOR

Cher Schleigh

SUPPORT COORDINATOR

Kelli Caplette

ASSISTANT SUPPORT COORDINATOR

Larry French

AWARDS DIRECTOR

Franklin Newman

MACOTC

COMMANDANT/ SUPPORT COORDINATOR

Kelli Caplette

VICE-COMMANDANT/ ACADEMIC COORDINATOR

Donald Dobrin

AWARDS DIRECTOR

Franklin Newman

SFMCA

SUPERINTENDANT

Shane Russell

OUTSTANDING STUDENTS

DECEMBER 2019

JIM LANDELIUS

JANUARY 2020

DAWN SHAW

FEBRUARY 2020

RICHARD RUTLEDGE

MARCH 2020

DAWN SHAW



"Most people will never get a chance to learn what's in their own hearts. If we figure it out, it's often not what we expected, or even what we would have chosen for ourselves."

CAPTAIN CHRISTOPHER PIKE



ACADEMY GRADUATES

DECEMBER 31, 2019 THROUGH MARCH 31, 2020

TOTAL GRADUATES: 2,625 - APPROXIMATELY 656 PER MONTH

(X) = APPROXIMATE NUMBER OF COURSES TAKEN IN THAT INSTITUTE, THE NUMBER OF COMPLETED EXAMS IS APPROXIMATE, DUE TO HUMAN ERRORS IN COUNTING

(NUMBERS FOLLOWING THE NAMES ARE APPROXIMATE. THESE INDICATE NUMBER OF EXAMS COMPLETED IN EACH INSTITUTE)

MACO/MACOTC

Aeryn Karu
 Antonio T De Angelis III
 April Victorine (23)
 Avery Borgan (2)
 Beau Thacker (9)
 Bruce Crews (22)
 Chad Griffiths (13)
 Chris Lynch (2)
 Christopher Higginbotham (3)
 Dave (Charles) Roberts (2)
 David Greenough
 David Ramczyk (6)
 David Roberts (2)
 Dawn Shaw (36)
 Dominic Walsh (13)
 Geraldine Sylvester-Parsons
 Gerry Knight (12)
 Hector Gutierrez (3)
 James Reed (3)
 Jeffrey Hughes (2)
 Jeremy Skelton (8)
 Jill Tipton (5)
 Jon Denny (2)
 Joshua Standley (6)
 Katherine Colling
 Mark Adams (57)
 Matt Baron (9)
 Matthew Davies
 Matthew Barclay (3)
 Megan Karper (23)
 Megan Schroeder (55)
 Mike Brown (3)
 Nancy Hall (2)
 Nathan Quick
 Neil Davis (3)
 Pippa Slack (5)
 Robert Van Tuinen (5)
 Robert Victorine (13)
 Ross Burnett (18)
 Shane Eaton (5)
 Steven Kristrom (5)
 Yasel Lopez
 Yesenia Lopez (2)

SFMC

Chris Lynch
 Daniel J Roe (2)
 Denise Rush
 Gerry Knight
 James Jones
 Laurie McAndrew
 Rob Crane (5)
 Hector Guterrez
 Katie Gray
 Kendall Caminiti
 Michael Stelzer
 Richard Steele
 Zachary Sandau

IOAM

Brett McIlff (6)
 Chris Lynch (24)
 Collin Otteson (36)
 David DewBerry
 Dawn Shaw (15)
 Eric Johannson (44)
 Jerry Borths (2)
 Jill Tipton (4)
 Jim Landelius (51)
 Katie Moncelsi (17)
 Megan Schroeder (7)
 Nancy Hall
 Nina Nguyen (6)
 Phillip Ryman
 Sherry Brinson (2)

IOAS

Ab Sutton
 Aeryn Karu
 Anne-lan Perrin (2)
 Briana Elliot
 Bruce Crews (6)
 Chade Kronby
 Christopher Kaelin (3)
 Collin Otteson (4)
 Dawn Shaw (5)
 Felicity McKee (3)
 Gerry Knight (9)
 Hector Gutierrez (2)
 Irene McQuillan (2)

Jerry Borths (3)
 Jim Landelius (2)
 Jonathan van Greuen (2)
 Joseph Zuber (3)
 Katharine Emerson (3)
 Katie Moncelsi (24)
 Kimberly Ramsay (6)
 Kyle Fisher
 Landon Hicks
 Nathan Quick (6)
 Richard Rutledge (15)
 Sherry Brinson (4)

IOCS

Carlos Portanova Jr.
 Madison Elias (2)

IOFHS

Brian Huntzinger
 David Roberts
 Gene Armstrong (3)
 Jeremy Skelton
 Jerry Borths (2)
 Morgan Hahn (16)
 Raymond Provencher
 Richard Hewitt (12)
 Roger Ellis (13)
 Ross Burnett
 Ryan Case
 Woody Weaver (3)

IOIE

Brad McRobert
 Chad Griffiths
 Chris Lynch
 Chris Miller (3)
 Colin Otteson
 David Roberts (2)
 Dawn Shaw (20)
 Doug Roach (2)
 Eric Johannson
 Grant Hume
 Jerry Borths (2)
 Jim Landelius (14)
 Joy Hargraves
 Logan Littrell

Matt Barron (14)
 Meg Karper (5)
 Michael Stelzer (5)
 Nancy Hall
 Pippa Slack (10)
 Robert Van Tuinen (8)
 Zoe Gifford

IOIS

Avery Dorgan (5)
 Bryan Jones (11)
 Doug Roach (18)
 Eric Johannson (2)
 Gerry Knight (25)
 Grant Hume (2)
 Greg Trotter (7)
 Jerry Borths (2)
 Jim Landelius (16)
 Katherine Colling (6)
 Kurtis Nutt
 Meg Karper (5)
 Michelle Allan (20)
 Michael Stelzer (4)
 Phillip Ryman (4)

IOIS

Aimee Hollingsworth
 Alec Hutchinson
 Alec Peters
 Alexander Gibson
 Aline Alonzo-Bendali
 Amanda Derosssett
 Amanda Mosses (4)
 Angela Leopard
 Anna Hibbert
 Armanda Phillips
 Ashley Walker
 Avery Dorgan (13)
 Barbara Viohl
 Bill Billiams
 Brandon Landelius
 Brent Seals (2)
 Brett Bonsen
 Brian Huntzinger

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IOLS

Bruce Crews
Bruce O'Brien (15)
Carlton Staples (4)
Chris Miller
Christine Passey (16)
Cindy Buxton
Dale Simpson
Daniel Paul (2)
Daniel Spooner
David DewBerry
David Earhart
Deacon Grall
Don Horn (7)
Emma Laity
Eric Johannson
Ethan Henfling
Ewan Chalmers
Felicity McKee
Gary Kinsey
Gavin Glenn
Gerhard Pretorius (31)
Glenn Smith
Grant Hume (2)
Greg Barlow (2)
Gregory Kleiner
Gunther Muller
Hector Gutierrez (3)
Hiroki roro Onodera
Ian Davies
Ingrid Warden
James Cecil (3)
Jason Tierney
Jason Williams
Jennifer Yourchak
Jerry Borths (17)
Jessica Lloyd (6)
Jim Landelius (28)
Matthew Jones
Jimmy Nelson (6)
Joel Ehl (2)
Joseph Sare (15)
Joseph Zuber (2)
Kathy McClullan (5)
Katie Mosses (2)
Kimberly Ramsay
Kristin Spencer
Kurt Fuchs
Laura Bauder
Leon Peterson
Mariah O'Connor
Mark Shocklee (3)
Mary Lee Gaddis
McGarry Ocheltree
Michael McCoslin

Michael Denman (11)
Morgan Deane
Morgan Hahn
Naomi Burall
Nathan Quick
Mikki Ward
Oliver Jenkins
Paul Osborne
Paul Zomer
Preston Boyleston (4)
Rachel Martin
Raymond Linkous
Reid Mason (4)
Rene Bendali
Richard Rutledge (20)
Rob Vicorine
Robert Torres
Roger Ellis (11)
Sandra Hosley
Sarah Hill
Seth Vitasek
Shane Eaton
Shannon Walter (4)
Shawn Pugh
Sherry Brinson (2)
Stay Eastman
Steven Kristom (14)
Sylvain Bertrand (2)
Tammy Landelius
Timothy Gibson
Tracy Canfield
William Morton
William Pitts

IOMA

Andy Walker
Anne-Laure Perrin (2)
Avery Dorgan (2)
Bruce W Crews (2)
Chris Lynch (18)
David Hines (12)
Dawn Shaw (24)
Donna Jarrett (2)
Edwin Joseph Carroll II (7)
Eric Johannson (20)
Felicity McKee (9)
Gerhard Pretorius
Gerry Knight (83)
Hector Gutierrez (7)
Jerry Borths
Jim Landelius (14)
Joseph Zuber (17)
Katie Moncelisi (4)
Kendall Caminiti (5)
Logan Littrell (15)
Mark Adams (11)
Michael Stelzer (8)
Nina Nguyen (3)

Rebecca Staeheli (9)
Ronald Alan Helmadollar
Samantha Schmoe
Sherry Brinson (4)
William Morton

IOPE

Eric Johannson (3)
Felicity McKee (12)
Gerry Knight
Jeremy Skelton (3)
Kandalyn Donna Jarrett
Kerryn Burnett
Meg Harper (2)
Nina Nguyen
Richard Rutledge (9)
Roger Ellis (43)

IOPFR

Bryan Jones (48)
Chad Griffiths (11)
Collin Eastman (2)
Collin Otterson (20)
Dawn Shaw (93)
James Reed (5)
Jeffrey Hughes (2)
Jerry Borths (2)
Matt Barron (4)
Nina Nguyen (4)
Phillip Ryman

IOSC

Abner Sutton (2)
Aurora Gilford
Bryan Jones (11)
Charles Roberts (2)
Christine Passey
Collin Otterson (6)
Cynthia Valdez (2)
David Roberts
Dawn Shaw (11)
Eric Johannson (31)
Jerry Borths (3)
Jon Denny (2)
Jonathan Blair (2)
Katie Moncelisi (5)
Kimberly Ramsay (6)
Lynn Cowan (31)
Michelle Allan (8)
Miranda Cox
Narayana Gifford
Nathan Quick
Shannon Walter
William Morton
Zoe Gifford (4)

IOSFE

Bruce Crews (7)
Catherine Weeks (15)
Clinton Harris
Dean Rogers
Debbie Kummer (4)
Donna Jarrett (4)
Doug Roach (23)
Elizabeth Worth (3)
Eric Johannson (52)
Gene Armstrong (2)
Gene Armstrong (2)
Greg Trotter
James Cecil (7)
Jerry Borths
Jill Rayburn (5)
Jim Landelius
Kendalyn Jarrett (2)
Lawrence Darling (5)
Logan Littrell (10)
Nancy Hall (4)
Nicki Caufield (12)
Pippa Slack (11)
Quinn Griffiths (15)
Rachel Martin (10)
Richard Hewitt (20)
Richard Rutledge (16)
Robert Frizzell (2)
Terence Francis
Terence Mulvey (4)
Troy Rutter (2)
Woody Weaver (9)

IOSS

Brian Huntzinger (2)
Dawn Shaw (38)
Donnna Jarrett (3)
Gerhard Pretorius (2)
Henry Swanepoel
Jerry Borths
Kendall Caminiti
Michael Torode
Narayana Gifford (2)
Paul DeHart (19)
Rachel Martin (4)
Richard Rutledge (11)

IOSTS

Anne Zecca (2)
April Victorine (5)
Beau Thacker (5)
Brian Crist
Brian Huntzinger (3)
Brian Ipok (6)
Brian Nietfield
Bruce Crews (6)

CONTINUED ON NEXT PAGE...

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IOTS

Carl Best (3)
Chance Walker
Cherie Jones (3)
Chris Lynch (6)
Christopher Kaelin
David Greenough (2)
David Ramczyk (4)
Dawn Shaw
Dean Rogers (64)
Debbie French (13)
Elizabeth Worth (3)
Eric Johansson (2)
Eric Riddle
Gene Armstrong (8)
Henry Swanepoel
Hiroki Onodera
Ian Davies (2)

Ian Pyett (5)
Jason Garrett (2)
Jay Ansky (5)
Jeff Harriman
Jeffrey Hughes
Jerry Borths
Jill Tipton (2)
Jim Landelius (5)
Jimmy Nelson (2)
Katherine A Colling
Kendall Caminiti (12)
Kerryn Burnett
Kevin Greene
Kimberly Ramsay
Lawrence Darling
Matt Barron
Matthew Jones
Marc Larouche (2)
Meg Karper
Michael Franchi Jr. (2)
Michael R McCoslin (10)

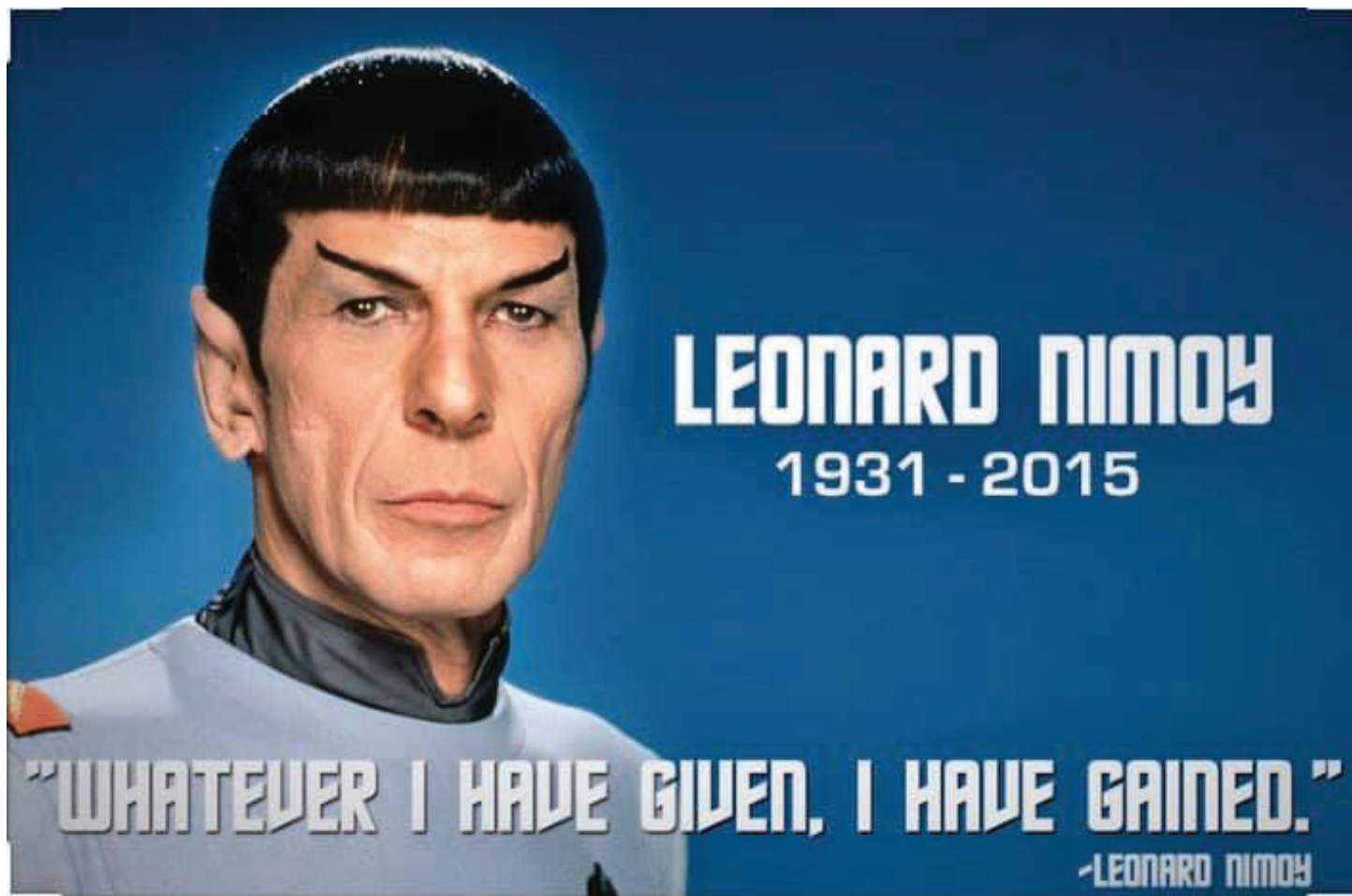
Nathan Quick
Graeme Oliver
Paula Geryak (2)
Rachel Martin (3)
Richard Rutledge (5)
Robert Victorine
Joel Ehl
Sherry Brinson (3)
Very Dorgan
Woody Weaver

IOTA

Brian Nietfeld
Donna Carroll (2)
Erik Stubblefield (2)
Jerry Borths
Jim Landelius
Katherine Colling (9)
Logan Littrell (3)
Narayana Gifford (11)
Robert Chaffin (4)

IOTK

Andrea Dee
Brian Nietfeld(5)
Bruce Crews(5)
Dawn Shaw(10)
Felicity McKee(2)
Gerhard Pretorius(5)
Henry Swanepoel
Jari James(2)
Jerry Borths
Jill Rayburn
Kimberly Ramsay(2)
Marc Larouche(3)
Mark Adams
Meg Karper
Nathan Quick(2)
Rachel Martin(2)
Ralph Brigham(7)
Richard Rutledge(17)
Vorel Kethend(4)



ACADEMY DEGREE PROGRAM

The Academy Degree Program allows the student to apply his or her earned Academy credit towards an Academy-wide degree.

The program is designed around a real-life University degree program in which there are certain categories of courses one must take to meet the requirements of any degree.

The ADP offers Associate, Bachelor, Masters and Doctorate degrees In the following majors:

Alien Studies - Culture, language, and history of non-human species

Command Studies - STARFLEET International and Star Trek departmental studies

Entertainment Studies - Stage and screen from actors to history to design in film, plays, and television

Federation Studies - History and culture of the Federation

Fire & Rescue Studies - Civilian firefighting and rescue operations

General Arts Studies - Social studies, culture, artistic design, and general arts

Intelligence Operations Studies - Military and civilian spec-ops and espionage

International Studies - Learning about people and countries from around the world

Law Enforcement Studies - Law enforcement strategies, history, material, and entertainment

Liberal Arts - A well rounded general education in both SFA and SFMCA

Life Science Studies - Biological sciences

Medical Arts - Medical sciences

Military Studies - Tactical and military strategies, history, and material

Physical Science Studies - Physical sciences

Science Fiction Studies - Sci-Fi as presented in a variety of media

Space Studies - Interstellar, planetary, and space exploration studies

Special Operations Studies - Special Operations in the armed forces and as presented in Star Trek

Supernatural Studies - Fantasy, horror, and supernatural studies through various forms of media

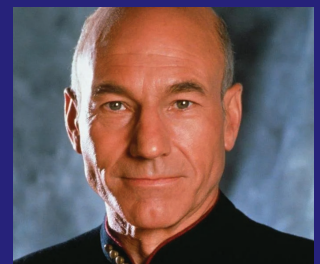
Technology Studies - Technological sciences and equipment

Contact RADM Franklin Newman at:
recognition@academy.sfi.org

NAME	DEGREE	MAJOR	DATE
Roger Ellis	Doctorate	Liberal Arts	12/21/2019

"Someone once told me that time was a predator that stalked us all our lives. I rather believe that time is a companion who goes with us on the journey and reminds us to cherish every moment, because it will never come again. What we leave behind is not as important as how we've lived. After all Number One, we're only mortal."

CAPTAIN JEAN-LUC PICARD



BRIDGE OFFICER CERTIFICATION PROGRAM

DECEMBER 01, 2019 THROUGH MARCH 31, 2020

NAME	CERTIFICATION	DATE
Gerhard Pretorius	Chief Tactical Officer	12/06/2019
Gregg Barlow	Chief Medical Officer	12/06/2019
Gerhard Pretorius	Chief Medical Officer	12/10/2019
Gerhard Pretorius	Flight Control Officer	12/10/2019
Brett Bonsen	Chief Operations Officer	12/21/2019
Jim Landelius	Commanding Officer	12/27/2019
Chris Lynch	Chief Operations Officer	02/16/2020
Kimberly Ramsay	Chief Science Officer	02/29/2020
Richard Rutledge	Chief Engineering Officer	03/04/2020
Gerhard Pretorius	Commanding Officer	03/09/2020
Gerhard Pretorius	Executive Officer	03/09/2020

VESSEL READINESS CERTIFICATION PROGRAM

DECEMBER 31, 2019 THROUGH MARCH 31, 2020

VESSEL	REGISTRATION	DEPT CERTIFIED	DATE
USS Cougar	NCC-71810	CDT	02/24/2020
USS Cougar	NCC-71810	CMD	02/24/2020
USS Cougar	NCC-71810	COMM	02/24/2020
USS Cougar	NCC-71810	COUN	02/24/2020
USS Cougar	NCC-71810	DIP	02/24/2020
USS Cougar	NCC-71810	ENG	02/24/2020
USS Cougar	NCC-71810	INT	02/24/2020
USS Cougar	NCC-71810	MSG	02/24/2020
USS Cougar	NCC-71810	MED	02/24/2020
USS Cougar	NCC-71810	OPS	02/24/2020
USS Cougar	NCC-71810	SCI	02/24/2020
USS Cougar	NCC-71810	SEC	02/24/2020
USS Cougar	NCC-71810	SPOPS	02/24/2020
USS Cougar	NCC-71810	TAC	02/24/2020
USS Cougar	NCC-71810	EDREC	02/24/2020
USS Cougar	NCC-71810	CHAP	02/24/2020
USS Cougar	NCC-71810	VRC	02/24/2020

LIST OF BOOTHBY AWARDS



The Boothby awards are automatically awarded for every 50 Academy credits you earn. The Recognition Chief checks the database approximately once a week for students who reach another milestone and issues Certificates via email.

Note: The Boothbys with names of former STARFLEET members are memorial Boothbys that represent the last milestone the deceased member earned before passing.

Boothby 0050 - Bronze	Boothby 2900 - Cardassia Star	Boothby 5500 - USS Demeter	Boothby 8400 - USS Republic
Boothby 0100 - Silver	Boothby 2950 - Cestus Star	Boothby 5550 - USS Devore	Boothby 8450 - USS Repulse
Boothby 0150 - Gold	Boothby 3000 - Ceti Alpha Star	Boothby 5600 - USS Drake	Boothby 8500 - USS Rio Grande
Boothby 0200 - Latinum	Boothby 3050 - Chin'toka Star	Boothby 5650 - USS Endeavor	Boothby 8550 - USS Rubicon
Boothby 0250 - Diamond	Boothby 3100 - Coridan Star	Boothby 5700 - USS Endurance	Boothby 8600 - USS Rutledge
Boothby 0300 - Dilithium	Boothby 3150 - Delta Star	Boothby 5750 - USS Enterprise	Boothby 8650 - USS Saratoga
Boothby 0350 - Titanium	Boothby 3200 - Deneb Star	Boothby 5800 - USS Essex	Boothby 8700 - USS Sarek
Boothby 0400 - Zirconium	Boothby 3250 - Epsilon Eridani	Boothby 5850 - USS Europa	Boothby 8750 - USS Shenandoah
Boothby 0450 - Platinum	Boothby 3300 - Genovese's Star	Boothby 5900 - USS Excalibur	Boothby 8800 - USS Shirkahr
Boothby 0500 - Trilithium	Boothby 3350 - Kelvus Star	Boothby 5950 - USS Excelsior	Boothby 8850 - USS Sovereign
Boothby 0550 - Amber	Boothby 3400 - Klingon Star	Boothby 6000 - USS Exeter	Boothby 8900 - USS Soyuz
Boothby 0600 - Garnet	Boothby 3450 - Mintaka Star	Boothby 6050 - USS Faragut	Boothby 8950 - USS Stargazer
Boothby 0650 - Topaz	Boothby 3500 - Narendra Star	Boothby 6100 - USS Fleming	Boothby 9000 - USS Steamrunner
Boothby 0700 - Amethyst	Boothby 3550 - Omicron Star	Boothby 6150 - USS Freedom	Boothby 9050 - USS Surak
Boothby 0750 - Pearl	Boothby 3600 - Procyon Star	Boothby 6200 - USS Galaxy	Boothby 9100 - USS Sutherland
Boothby 0800 - Opal	Boothby 3650 - Regulus Star	Boothby 6250 - USS Galen	Boothby 9150 - USS Thunderchild
Boothby 0850 - Sapphire	Boothby 3700 - Rigel Star	Boothby 6300 - USS Ganges	Boothby 9200 - USS Tian An Men
Boothby 0900 - Ruby	Boothby 3750 - Romii Star	Boothby 6350 - USS Ganymede	Boothby 9250 - USS Titan
Boothby 0950 - Emerald	Boothby 3800 - Sol Star	Boothby 6400 - USS Geronimo	Boothby 9300 - USS Tolstoy
Boothby 1000 - Omega	Boothby 3850 - Tau Ceti Star	Boothby 6450 - USS Gettysburg	Boothby 9350 - USS Trident
Boothby 1050 - Bronze Star	Boothby 3950 - Wolf 359	Boothby 6500 - USS Gorkon	Boothby 9400 - USS Tripoli
Boothby 1100 - Truman Temple	Boothby 3750 - Romii Star	Boothby 6550 - USS Grissom	Boothby 9450 - USS Tsiolkovsky
Boothby 1150 - Marlene Miller	Boothby 3800 - Sol Star	Boothby 6600 - USS Havana	Boothby 9500 - USS Valiant
Boothby 1200 - Latinum Star	Boothby 3850 - Tau Ceti Star	Boothby 6650 - USS Hawking	Boothby 9550 - USS Venture
Boothby 1250 - Diamond Star	Boothby 3900 - Vega Star	Boothby 6700 - USS Hermes	Boothby 9600 - USS Victory
Boothby 1300 - Dilithium Star	Boothby 3950 - Wolf 359	Boothby 6750 - USS Hood	Boothby 9650 - USS Voyager
Boothby 1350 - Titanium Star	Boothby 4000 -- Wayne Lee	Boothby 6800 - USS Horizon	Boothby 9700 - USS Yamaguchi
Boothby 1400 - Zirconium Star	Killough	Boothby 6850 - USS Hornet	Boothby 9750 - USS Yamato
Boothby 1450 - Platinum Star	Boothby 4050 -- USS Akagi	Boothby 6900 - USS Intrepid	Boothby 9800 - USS Yangtzee
Boothby 1500 - Trilithium Star	Boothby 4100 -- USS Akira	Boothby 6950 - USS Jenolan	Kiang
Boothby 1550 - Amber Star	Boothby 4150 -- USS Ambassador	Boothby 7000 - USS Kearsarge	Boothby 9850 - USS Yeager
Boothby 1600 - Garnet Star	Boothby 4200 -- USS Andromeda	Boothby 7050 - USS Khitomer	Boothby 9900 - USS Yorktown
Boothby 1650 - Topaz Star	Boothby 4250 -- USS Apollo	Boothby 7100 - USS Kyushu	Boothby 9950 - USS Zapata
Boothby 1700 - Amethyst Star	Boothby 4300 -- USS Archon	Boothby 7150 - USS Lakota	Boothby 10000 - USS Zodiac
Boothby 1750 - Pearl Star	Boothby 4350 -- USS Aries	Boothby 7200 - USS Lantree	
Boothby 1800 - Opal Star	Boothby 4400 -- Glendon Diebold.	Boothby 7250 - USS Lexington	
Boothby 1850 - Sapphire Star	Boothby 4450 -- USS Bellerephon.	Boothby 7300 - USS Magellan	
Boothby 1900 - Ruby Star	Boothby 4500 -- USS Bozeman	Boothby 7350 - USS Majestic	
Boothby 1950 - Robin Fleming	Boothby 4550 - USS Bradbury	Boothby 7400 - USS Melbourne	
Boothby 2000 - Omega Star	Boothby 4600 - USS Callisto	Boothby 7450 - USS Merrimack	
Boothby 2050 - Acamar Star	Boothby 4650 - USS Centaur	Boothby 7500 - USS Miranda	
Boothby 2100 - Aldebaran Star.	Boothby 4700 - USS Challenger	Boothby 7550 - USS Monitor	
Boothby 2150 - Alpha Centauri S.	Boothby 4750 - USS Charon	Boothby 7600 - USS New Orleans	
Boothby 2200 - Altair Star	Boothby 4800 - USS Chekov	Boothby 7650 - USS Nightingale	
Boothby 2250 - Amargosa Star	Boothby 4850 - USS Cochraine	Boothby 7700 - USS Nova	
Boothby 2300 - Antares Star	Boothby 4900 - USS Concorde	Boothby 7750 - USS Oberth	
Boothby 2350 - Arcturus Star	Boothby 4950 -	Boothby 7800 - USS Odyssey	
Boothby 2400 - Bhavael Star	USS Constantinople	Boothby 7850 - USS Olympic	
Boothby 2450 - Barradas Star	Boothby 5000 - USS Constellation	Boothby 7900 - USS Orinoco	
Boothby Boothby 2500 - Bellatrix	Boothby 5050 - USS Copernicus	Boothby 7950 - USS Pasteur	
Star	Boothby 5100 - USS Crazy Horse	Boothby 8000 - USS Pathfinder	
Boothby 2550 - Benzite Star	Boothby 5150 - USS Curie	Boothby 8050 - USS Pegasus	
Boothby 2600 - Betelgeuse Star	Boothby 5200 - USS Da Vinci	Boothby 8100 - USS Phoenix	
Boothby 2650 - Bolarus Star	Boothby 5250 - USS Daedalus	Boothby 8150 - USS Potemkin	
Boothby 2700 - Breen Star	Boothby 5300 - USS Dakota	Boothby 8200 - USS Prometheus	
Boothby 2750 - Caldos Star	Boothby 5350 - USS Danube	Boothby 8250 - USS Relativity	
Boothby 2800 - Canopus Star	Boothby 5400 - USS Dauntless	Boothby 8300 - USS Reliant	
Boothby 2850 - Capella Star	Boothby 5450 - USS Defiant	Boothby 8350 - USS Renegade	

SFA BOOTHBY AWARDS



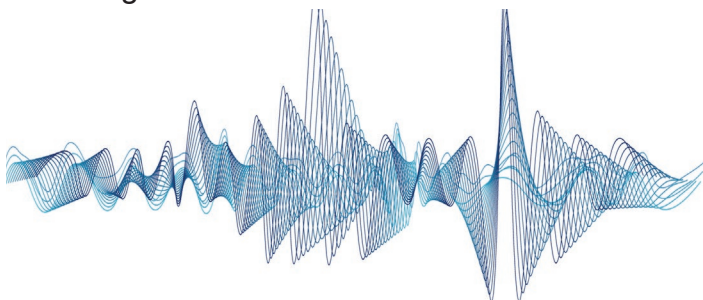
DECEMBER 2019

REGION	NAME	EXAMS	DATE	BOOTHBY
13	Bruce Crews	600	12/02/2019	Garnet

The Boothby program is temporarily shut-down until such time as the new Data Base is brought on-line.
RADM Newman

SPOTLIGHT: COLLEGE OF ACOUSTIC TECHNOLOGY

Find out how Acoustic Technology and Music come together.



I would like to introduce everyone to the College of Acoustic Technology (COAT) located in the Institute of Science (IOSC) in the STARFLEET Academy Campus. The college was written to provide students with an expanded knowledge of acoustic technology in everyday life as well as acoustics in music. Each course in COAT includes both the exam and a manual. The material was derived from websites provided by Wikipedia and verified using the Encyclopedia Britannica. COAT however, has not been very popular with students and if that continues, it will be shut down at the end of the year. Therefore, I want to let students know that this college is one

that you should try taking some courses from if you are interested in acoustics technology or acoustics in music. In addition, there is also the College of Music under the Institute of the Arts (IOTA) which allows you to come and explore the many sides of music. By taking courses from these 2 colleges you can learn about both the technical side of music via COAT and then the artistic side of music in the College of Music. Why not try taking some courses from both in the near future?

Sadly, due to the sudden passing of Robin Fleming, COAT was one of the colleges that was temporarily closed while the Academy staff contacted her assistant directors to see if they would be willing to take over the college as Director. This college will soon re-open so if you go to the Academy site and it's still closed please give it a few days.

Fleet Captain Nancy R. Hall

Dean, Institute of Science (IOSC)



ART: Aurelio Lorenzo

NEWS FROM THE GALAXY

RELATED TO IOTA: STAR TREK ALPHABET BOOK

This July, those of you with children or grandchildren, or if you're children at heart yourselves, will be able to order the Star Trek Alphabet Book.

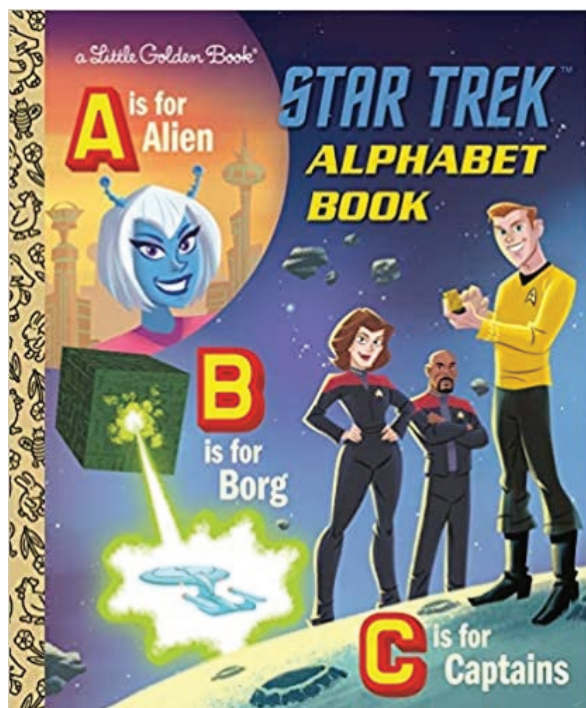
Here is a description of the book, illustrated by Ethen Beavers: "Captain Picard, Mr. Spock, and your Star Trek favorites from A to Z star in an out-of-this-world Little Golden Book!

"A is for alien, B is for Borg, and C is for communicator. Now even the youngest Star Trek fans can go boldly into the universe as they learn Earth's alphabet! Explore the worlds of Star Trek, The Next Generation, Deep Space 9, and Discovery while learning the ABCs in this Little Golden Book – perfect for boys and girls 2 to 5, as well as fans and collectors of all ages."

Where was this book when my kids were little?

To order your copy of the Star Trek Alphabet Book, use this [LINK](#).

TrekToday.com



RELATED TO IOPE: DISCOVERY TAKES EMMY FOR PROSTHETIC MAKEUP



Star Trek: Discovery took home the Emmy Award for Outstanding Prosthetic Makeup For A Series, Limited Series, Movie Or Special for the season two episode "If Memory Serves" at the 71st Emmy Awards.

The event took place during the Creative Arts Emmy Awards ceremony at the Microsoft Theater in downtown Los Angeles, with members of the Discovery makeup department on hand to accept the award. The Discovery makeup department award winners include:

Special Makeup Effects Dept: Head Glenn Hetrick
Special Makeup Effects Dept: Head James Mackinnon
Special Makeup Effects Artist: Hugo Villaseñor
Special Makeup Effects Artist: Rocky Faulkner
Special Makeup Effects Artist: Chris Bridges
Special Makeup Effects Artist: Nicola Bendrey
Prosthetic Designer: Mike O'Brien
Prosthetic Designer: Neville Page

The CBS All Access series was up against some serious competition, which included American Horror Story: Apocalypse, Chernobyl, Game of Thrones, and Fosse/Verdon.

The Emmy Award win comes just days after Discovery won three Saturn Awards on Friday night for Best Streaming Science Fiction Show, Best Actress in a Streaming Presentation, and Best Supporting Actor.

TrekNews.net

RELATED TO IOSTS: HOW STAR TREK HAS CHANGED THE WORLD

The idea that Star Trek has changed the world might sound as farfetched as some of the USS Enterprise's spacefaring missions, but the truth is that the science fiction series has directly or indirectly impacted both our present and future. When creator Gene Roddenberry was first kicking around the idea in 1964, he probably never imagined that Star Trek would still be around in 2017 with reboots in the pipeline. It's influence in the realm of science, technology, and social progress is something that supports the claim of how important entertainment can be.

1. Increased Interest In Science

One of the most important ways Star Trek has left an indelible footprint is the way in which it has inspired a generation of scientists and inventors — many of whom have fundamentally changed the way we live.

2. Theoretical Physics

While most of Star Trek's science and technology is rooted in fantasy, that hasn't stopped scientists from exploring ideas from the show. One such example is the Alcubierre warp drive, a speculative idea put forth by theoretical physicist Miguel Alcubierre in which a spacecraft could achieve faster-than-light travel.

3. Non-Invasive Imaging and Medical Technology

Star Trek introduced non-invasive medical technology that seemed to magically heal wounds, but something close to it is not that far off. Gizmodo reports that NASA and GRoK Technologies are currently working on new technology that will have the ability to regenerate bone and muscle tissue that could potentially change the way we deal with muscular pain and inflammation.

4. Spacecraft Propulsion

The Alcubierre warp drive is a fascinating idea, but it exists strictly in the speculative world. Enter ion propulsion — a form of spacecraft propulsion that is real and currently in use by NASA. "Using solar arrays spanning 65 feet, Dawn collects power from

the sun to ionize atoms of xenon," as explained by NASA.

5. The Cell Phone

The cell phone has fundamentally transformed the way we live our lives, and we have Star Trek to thank for it. A little over 40 years ago, Martin Cooper was at Motorola when he unveiled the huge, impracticable first cell phone nicknamed "The Shoe" by its designers, writes High Tech History. The idea for the cell phone began in 1973 when the small, handheld communication devices on Star Trek struck Cooper as essentially being a portable, cordless phone, and a prototype was ready within the year.

6. The Personal Computer

The first electronic computer — ENIAC (Electronic Numerical Integrator And Computer) — arrived in 1946, but in the decades to come the idea of a home computer wasn't considered a possibility. However, Star Trek's depiction of an interactive computer was partly responsible for shifts in thinking, pushing computer programmers and designers to imagine a world where computers were used by the masses. Enter Ed Roberts's Altair 8800 in 1975, named after a location the Enterprise travels to, which became the first personal computer.

7. Social Progressivism

Despite all the science fiction-based influence of Star Trek, it was the show's progressivism in a time of social and political upheaval that remains its greatest achievement. The series consistently dealt with subjects like sexism, feminism, racism, and militarism which were directly connected to the events occurring in the late 1960s, but continue to be relevant to this day. Most notable is how Star Trek dealt with race. On a surface level, the series was unusual at the time (and even now, unfortunately) for simply having a multi-cultural cast including George Takei (who was Japanese) and Nichelle Nichols (who was African American).

CheatSheet.com

RELATED TO IOSFE: DISCOVERY DEAD ENDLESS

The U.S.S. Discovery's specialty is using its spore-based hub drive to jump great distances faster than any warp-faring vessel in Starfleet. To do this, Lieutenant Paul Stamets navigates the ship through the recently revealed mycelial network, a subspace domain Discovery can briefly transit but in which it cannot remain.

After responding to a startling distress call originating from within the network, the Discovery crew find themselves trapped in an inescapable realm where they will surely perish unless their missing mycelial fuel is found or restored. Is the seemingly human man found alone and alive inside the network the Starfleet officer he claims to be, or an impostor created by alien

intruders who hope to extract themselves from the mycelial plane at the expense of all. The show itself won't be back on screens until sometime in 2020, but this year ends with one more literary Star Trek: Discovery tale, author Dave Galanter's new Culber-Stamets tale, *Dead Endless*.

Another great addition to the series, this novel is set at an indeterminate point in the late first or early second season of the show, and - for the first time in this novel

series' run - the story is actually set aboard the USS Discovery, featuring the crew of the ship working together to solve a crisis, with a huge twist. There is only one human character from 'our' universe in *Dead Endless*, Doctor Hugh Culber. Indeed, despite being secondary on the cover of the book to Lt. Paul Stamets, this story is more of a Hugh Culber novel than it is a Stamets novel... because the Stamets of this book is from an alternate universe.

In this universe, Michael Burnham is the captain

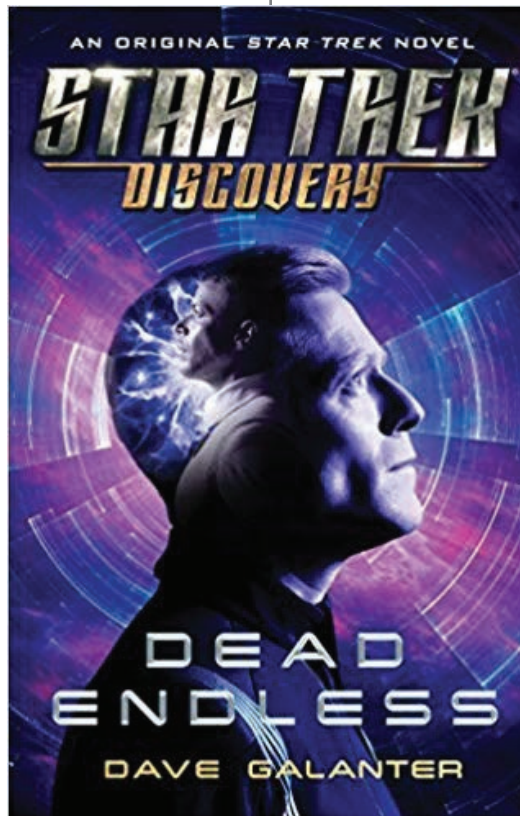
of the USS Discovery. The war with the Klingons never happened, the Battle of the Binary Stars is known only as the Standoff at the Binary Stars - and in this universe, the Discovery and the USS Glenn are in service of the Federation working to solve a major medical crisis.

The story is not as complicated as it seems, though, and flows very nicely. Despite not being our universe's Discovery, it's a joy to get a story about this crew interacting with each other. As we saw in the back half of

Discovery's second season, when the bridge crew are allowed the opportunity to flourish they have great chemistry together.

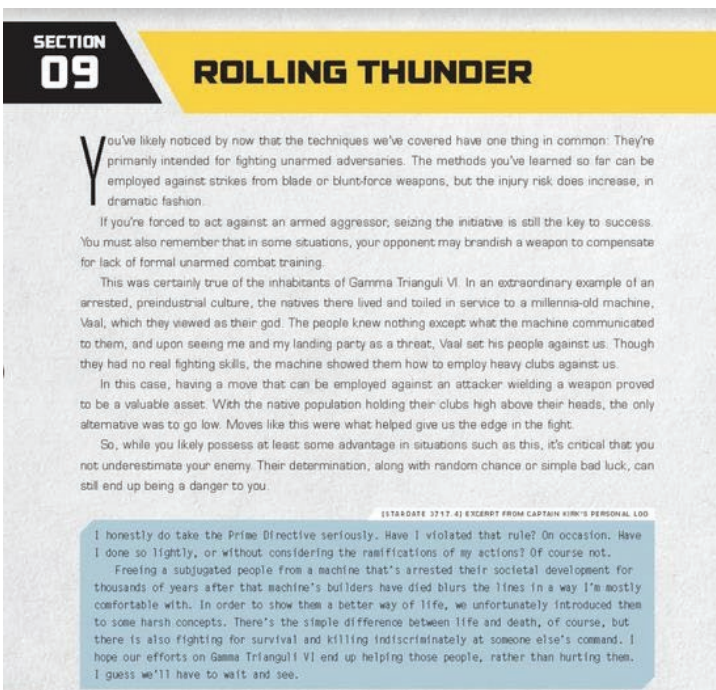
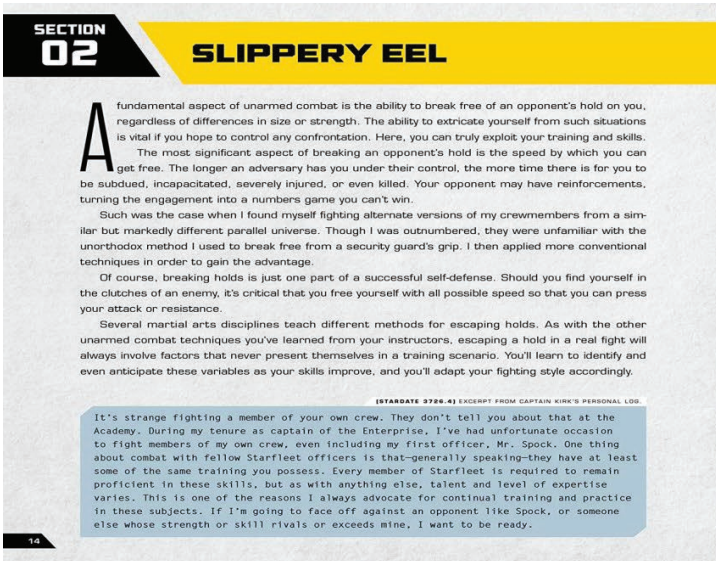
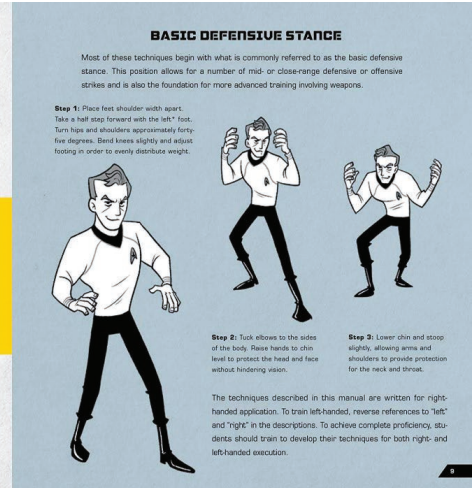
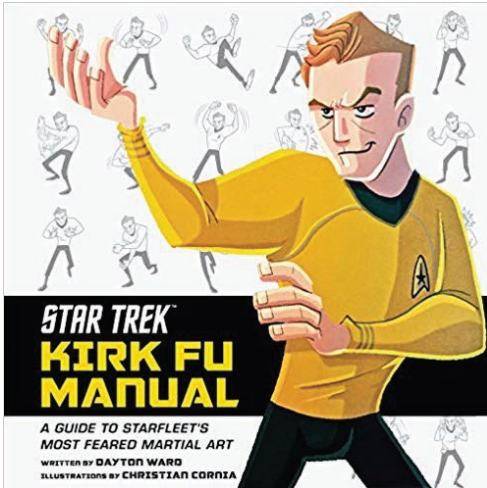
If there's one criticism of the novel, it's that it adds further complication to the marital status of Stamets and Culber. Star Trek: Discovery has a frustrating penchant for failing to provide important character details. At several points in *Dead Endless*, Culber refers to the Stamets of his universe as his husband. If so, that's pretty big news! *Dead Endless* is a creative solution to giving us some good action aboard Discovery that doesn't mess with the show's continuity, fleshes out the journey of one of our characters who was off

screen for a while, and adds depth to some of the character relationships in the process. *Dead Endless* keeps the Discovery novel streak alive, extending to six the number of books that provide an enjoyable read that deepens the reader's appreciation for the show and its characters.



By Alex Perry - Dec, 2019 [Trekcore.com](https://trekcore.com)

RELATED TO IOMK: STAR TREK KIRK FU MANUAL



RELATED TO IOSC: THE SCIENCE OF STAR TREK



Is Star Trek really a science show, or just a lot of “gee, whiz” nonsensical sci-fi? Could people really do the fantastic things they did on the original Star Trek: The Original Series and later programs in, or are they all just hi-tech fantasy for people who can’t face reality?

Original producer Gene Roddenberry and the later writers of the show started with science we know and stretched it to fit a framework of amazing inventions that support action-filled and entertaining stories. Roddenberry knew some basic astronomy. He knew that space ships unable to go faster than light would take decades to reach the stars, and that would be too boring for a one-hour show per week. So he put warp drives into the show -- propelling ships by distorting the space-time continuum that Einstein conceived. Roddenberry and other writers added magic like the transporter and medical miracles and the holodeck, but they put these in as equipment, as powerful tools built by human engineers in a future of human progress.

The writers of the show are not scientists, so they do sometimes get science details wrong. For instance, there was an episode of Star Trek: The Next Generation in which Dr. Crusher and Mr. LaForge were forced to let all of the air escape from the part of the ship they were in, so that a fire would be extinguished. The doctor recommended

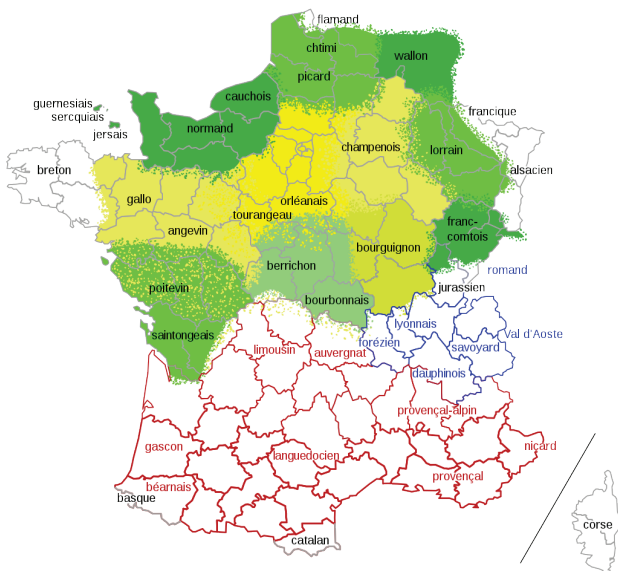
holding one’s breath to maintain consciousness as long as possible in the vacuum, until the air was restored. But as underwater scuba divers know, the lungs would rupture and very likely kill anyone who held his breath during such a large decompression. The lungs can’t take that much pressure, so people can only survive in a vacuum if they don’t try to hold their breath. I could name other similar mistakes. I’m a physicist, and many of my colleagues watch Star Trek. A few of them imagine some hypothetical, perfectly accurate science fiction TV series, and discredit Star Trek because of some list of science errors or impossible events in particular episodes. This is unfair. They will watch Shakespeare without a complaint, and his plays wouldn’t pass the same rigorous test. Accurate science is seldom exciting and spectacular enough to base a weekly adventure TV show upon. Generally Star Trek is pretty intelligently written and more faithful to science than any other science fiction series ever shown on television. Star Trek also attracts and excites generations of viewers about advanced science and engineering, and it’s almost the only show that depicts scientists and engineers positively, as role models. So let’s forgive the show for an occasional misconception in the service of an epic adventure.

nasa.gov

RELATED TO IOTA: PICARD LANGUAGE

Picard (/ˈpɪkɑːrd/, also US: /piˈkɑːrd, ˈpɪkərd/, is a langues d'oïl dialect of the Indo-European language family spoken in the northernmost part of France and southern Belgium. As of 2008, Picard native speakers amount to 700,000 individuals, the vast majority of which are elderly people (aged 65 and over). Since its daily use had drastically declined, Picard was declared by the United Nations Educational, Scientific and Cultural Organization (UNESCO) a “seriously endangered language”.

Picard is not taught in French schools (apart from a few one-off and isolated courses) and is generally only spoken among friends or family members. It has nevertheless been the object of scholarly research at universities in Lille and Amiens, as well as at Indiana University. Since people are now able to move around France more easily than in past centuries, the different varieties of Picard are converging and becoming more similar. In its daily use, is tending to lose its distinctive features and may be confused with regional French. At the same time, even though most Northerners can understand Picard today, fewer and fewer are able to speak it, and people who speak Picard as their first language are increasingly rare, particularly under 50.



The geographical spread of Picard and Chtimi among the Oïl languages (other than French) can be seen in shades of green and yellow on this map.

RELATED TO IOPE: STAR TREK CURRENCY

The Star Trek universe is known for its advanced technologies, some of which are already coming to fruition. One such technology, while never directly mentioned in the fiction - well, it might have been, but we will get to that later - is likely the technological foundation behind Federation Credits and the more popularly known Ferengi Gold-pressed Latinum banking systems. This technology is known today as blockchain and Star Trek: Deep Space Nine's beloved but “shady” Ferengi businessman, Quark, would no doubt have been a user of this technology to transact and ensure the contract integrity in his business ventures. The current Star Trek series have yet to mention blockchain tech, but that hasn't stopped the adoption of blockchain technology into the Trek universe. Similar to the first releases of Trek toys in the 60's and 70's, in 2019 CBS Interactive and Lucid Sight will release the first generation of Star Trek True Digital Crypto Collectibles. Six iconic ships from the Trek universe will be digitally minted, cryptographically secured, and provided in a limited supply enforced by the Ethereum-blockchain as ERC-721 items.

Beyond their value as collectibles, these Trek ships can be played within Lucid Sight's game Crypto Space Commander, a space MMO sandbox that utilizes blockchain to power its Play To Own user economy. CBS Interactive and Lucid Sight will create the first ever Cross Universe Event temporally bridging the Star Trek and CSC Universes. After the event, these ships will continue to exist in the CSC universe and will conform to the blockchain enforced rules setup to govern CSC Play To Own economy.



RELATED TO IOMA: STAR TREK INSPIRED MEDICAL BEDS



Israeli company Nanox wants to take the standard issue X-ray machine into the future, and it has turned to a design straight out of Star Trek to help it achieve that goal.

Called the Nanox Arc, this Star Trek biobed-looking medical imaging machine promises to make medical scanning available to people around the world at a significantly lower cost and with a much smaller footprint than current machines. Rather than the daunting CT scans found in today's hospitals, the Nanox Arc is a portable bed, intended to make the patient feel more at ease while scanning is carried out.

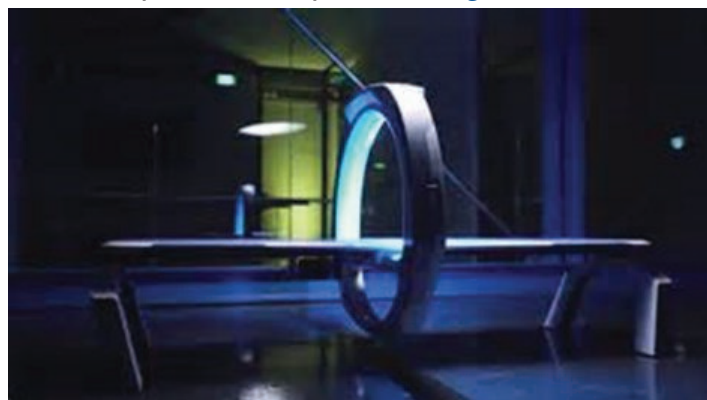
"Nanox has achieved the world's first commercial-grade digital X-ray source, without the use of heat," Ran Poliakine, founder and CEO of Nanox, told Digital Trends. "This X-ray device enables pulsating electron beams, versus the continuous radiation of X-rays used today. Building a silicon-based 'electron nano gun', placed on a silicon chip, has made Nanox's method more efficient than the traditional way of heat-based filaments."

Without the need to produce heat, the "cold cathode" can be made between 70-90% smaller. This also reduces the cost. "This enables us to use multiple tubes in a stationary tube array, and not rely on one or two tubes in a rotating gantry," Poliakine continued. "This 'no moving parts' solution, coupled with the cold electron nano gun, creates a medical imaging system that provides

the same imaging capabilities of traditional X-rays, minus the cost and radiation."

Nanox believes that its Nanox Arc tech could play a key part in making medical imaging more readily accessible to people around the world. (It's also introducing a revolutionary pay-per-scan approach to scans, which means hospitals would not have to buy machines outright.)

Oh, and as for that resemblance to the Star Trek biobed? It's totally not a coincidence. "The Starfleet's unsung hero allowed doctors to assess and diagnose their patients in minutes, and allowed them to conduct any medical imaging scan necessary, efficiently," Poliakine said. "The biobed served multiple purposes, and that is exactly what we are aiming to achieve. We want the Arc to be accessible, portable, easy to operate and focus on what's important: the patient." [DigitalTrends.com](https://www.digitaltrends.com)



FUNNY PAGES

If you look very closely, the “Ships of the Line” Star Trek calendar (2020) actually shows a person on the toilet.



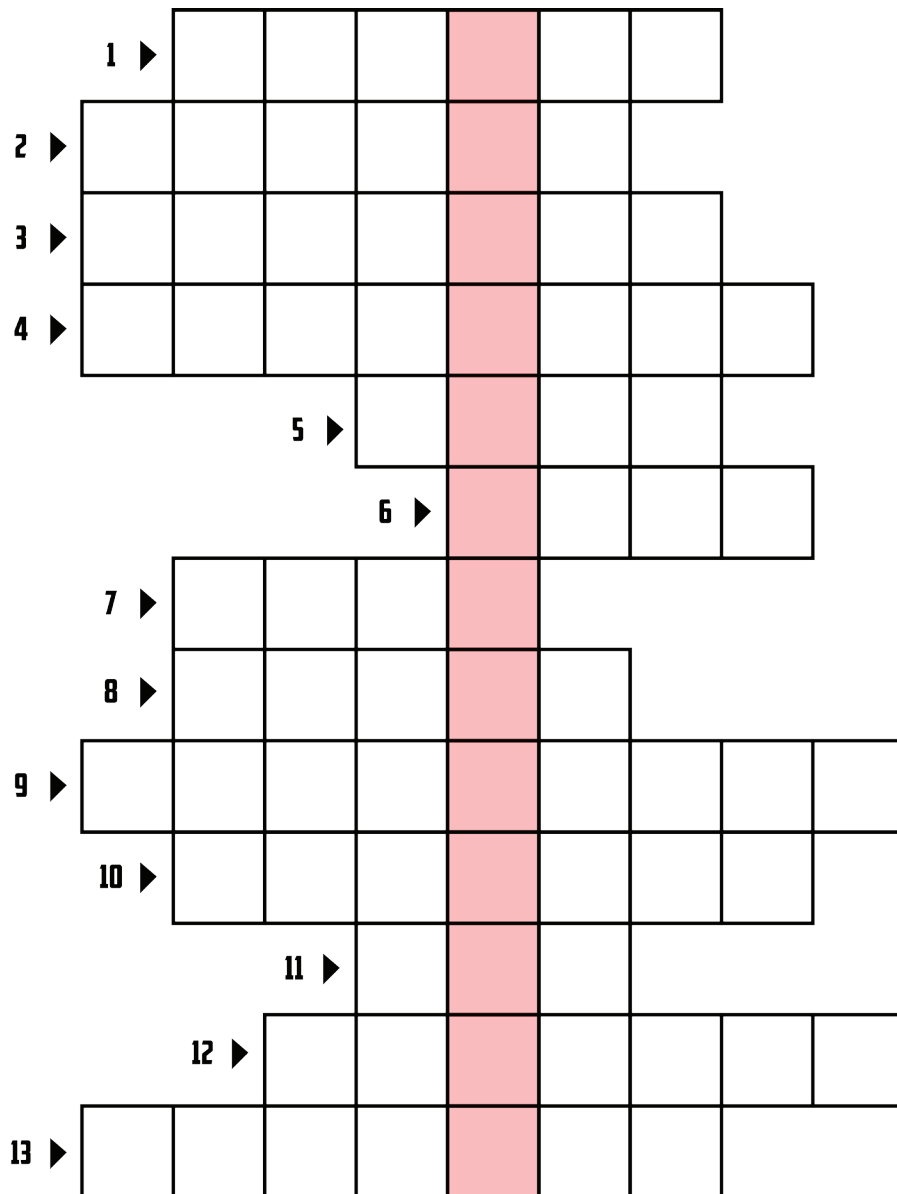
Ensign Johnson suddenly comes to the alarming realization that he is the only red-shirt in the landing party.



facebook.com/addicted.to.scifi.and.startrek

BRAIN TEASER

Solve the clues to reveal a secret anagram in the pink boxes. Unscramble the anagram to reveal the answer.



1. The Enterprise D was this class of vessel
2. First name of Dax from DS9
3. Kira Nerys is this species
4. Captain Sisco's favourite sport
5. Harcourt Fenton _____
6. Hikaru _____
7. Soji Asha's sister
8. Star Trek: TNG Second in Command

9. Array destroyed by Voyager
10. Dr Beverly _____
11. Recreation facility on Enterprise D.
____ Forward
12. Illegal ale
13. Sir _____ Stewart

ANAGRAM CLUE: Captain

CLASSIFIEDS

**IS IT TIME TO
CATCH UP ON
YOUR TECHNICAL
MANUALS?**

**VISIT THE
COLLEGE OF
STARSHIP DESIGN
BEFORE YOU
PUSH THAT RED
BUTTON!**

THE GAME IS ON!



**THE COLLEGE OF
INTELLIGENCE OPERATIONS**

**COULD HAVE HANDLED
THAT BETTER?**



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COMMUNICATIONS**



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FROM THE EDITOR

It is with a great deal of gratitude I accept the position of the editor of The Academy Monitor. I hope to do the office proud and live up to the faith that has been placed in me.

I need to thank Jill, TJ and Cher for the enthusiasm with which they have supported me in this new venture. I'm part of an amazing team and look forward more issues together.

Most importantly, I need to thank Dawn. Without her, I don't think any of this would have happened. She has been an amazing marketer, supporter, and (most importantly) a good friend.

I hope that you, reading this, have made it this far into the newsletter, and have enjoyed the content within. A lot of people have devoted a much of their time towards making sure that it all gets out to you.

If you would like to give any feedback or advice, feel free to send an e-mail my way. (Maybe we could even start a letters section.)

Thank you.

With gratitude,

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Acting Academy Monitor Publisher

"So much universe, and so little time."
-Terry Pratchett



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