

## Congratulations Teen Biotech Challenge 2015 Winners!

**TBC2015** experienced a significant increase in regional participation this year and the competition was fierce, especially in the Drug Discovery & Biomanufacturing focus area and the Regenerative Medicine focus area (note the many Honorable Mentions!). All students TBC2015 contestants should be very proud of their educational websites. Please continue in your efforts to be effective science communicators and thank you for participating. Student winners will be receiving details regarding the May 22<sup>nd</sup> Awards Event via email – watch your inboxes!

– Dr. Jamison-McClung

<b>Agricultural Biotechnology</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Navjot Hansra	American Canyon (Hawkins)	Crops for Change	<a href="http://nkhansra.wix.com/crops-for-change">http://nkhansra.wix.com/crops-for-change</a>
Second Place	Diana Pham	Sheldon (Fendall)	Feeding the World Through Biotechnology	<a href="http://dianapham34.wix.com/feedingtheworld">http://dianapham34.wix.com/feedingtheworld</a>
Third Place	Rachel Wolff	Sheldon (Ziegenhirt)	Animal Cloning	<a href="http://shsbiotech2014.wix.com/animal-cloning-">http://shsbiotech2014.wix.com/animal-cloning-</a>
Honorable Mention	Bella Bagatelos	Christian Bros (Keller)	Food of the Future: The Genetically Modified Organism	<a href="http://bellabagatelos.wix.com/tbcgmo">http://bellabagatelos.wix.com/tbcgmo</a>
Honorable Mention	Annie Do	Sheldon (Brennan)	Genetically Modified Crops: Feeding the World, One Seed at a Time	<a href="http://anniebta.wix.com/gmcrops">http://anniebta.wix.com/gmcrops</a>
Honorable Mention	Andrea Gil	Christian Bros (Delgado)	Genetically Modified Foods: Agricultural Biotechnology	<a href="http://andreamgil.wix.com/gmfoods">http://andreamgil.wix.com/gmfoods</a>
Honorable Mention	Thomas Payne	Christian Bros (Brousseau)	GMO's: Recombinant Survival	<a href="http://16paynethomas.wix.com/gmos">http://16paynethomas.wix.com/gmos</a>

<b>Computational &amp; Systems Biology</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Thuy-Hang Le	Sheldon (Brennan)	Antimicrobial Resistance: The Evolution of Microbes. The Development of Drugs.	<a href="http://hanglehl.wix.com/drugresistance">http://hanglehl.wix.com/drugresistance</a>
Second Place	Noa Mills and Davis Reina-Guerra	Davis (Moriarty)	Get Bioinformed: A Guide to the Science of Bioinformatics	<a href="http://davisreinaguerra.wix.com/bioinformatics">http://davisreinaguerra.wix.com/bioinformatics</a>
Third Place	Amanda Nguyen, Duc Nguyen and Cindy Truong	Sheldon (Ziegenhirt)	Computational Genomics: The Analysis Revolution	<a href="http://davidbnguyen.wix.com/analysis-revolution">http://davidbnguyen.wix.com/analysis-revolution</a>
Honorable Mention	Agnes Bautista, Joshua Pambid and Michelle Smith	Vallejo (Banda)	Comparative Genomics	<a href="http://jambiotech14.wix.com/comparativegenomics">http://jambiotech14.wix.com/comparativegenomics</a>
Honorable Mention	Monica Nasser	Sheldon (O'Bear)	Biochemical Pathways & Their Application in Biotechnology	<a href="http://monicanasser.wix.com/biochemical-pathways">http://monicanasser.wix.com/biochemical-pathways</a>
Honorable Mention	Vincent Truong	Sheldon (Brennan)	Bioinformatics: The Key to U	<a href="http://vincenttbid.wix.com/bioinformatics">http://vincenttbid.wix.com/bioinformatics</a>

<b>Drug Discovery &amp; Biomanufacturing</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Helene Levy	Davis (Moriarty)	Pharming the Fields	<a href="http://hilevy.wix.com/agriculture">http://hilevy.wix.com/agriculture</a>
Second Place	Erin Smith, Cheyenne Yang and Sarah Yang	Sheldon (Cecil)	The Trainer of Our Immune System - Vaccines	<a href="http://erinmania.wix.com/vaccine">http://erinmania.wix.com/vaccine</a>
Third Place - Tie	Leilani Abdon, Ciara Ayers and Nia Patrick	American Canyon (Hawkins)	Taking a Deadly Path...Drug Discovery & Biomanufacturing Against the World's Deadliest Pathogens	<a href="http://ciaraayers.wix.com/taking-a-deadly-path">http://ciaraayers.wix.com/taking-a-deadly-path</a>
Third Place - Tie	Cristina Polante and Sukhman Sidhu	Antelope (Clegg)	Medicinal Purification: The Case for Ebola	<a href="http://pinaigirl18.wix.com/sciencebehindebola">http://pinaigirl18.wix.com/sciencebehindebola</a>
Honorable Mention	Chaila Johnson	Christian Brothers (Delgado)	Orphan Drugs: The Cure for Rare Diseases	<a href="http://chailajohnson1028.wix.com/orphandrugs-thecure">http://chailajohnson1028.wix.com/orphandrugs-thecure</a>
Honorable Mention	Carly Mayer	Christian Brothers (Brousseau)	Combating Cancer: The Innovations in Cancer Treatment	<a href="http://carly085.wix.com/combatingcancer">http://carly085.wix.com/combatingcancer</a>
Honorable Mention	Maria Molotilova and Kahlan Showen	El Camino (Dias)	Biological Development of Cancer Treatments	<a href="http://mariamolotilova.wix.com/drugs">http://mariamolotilova.wix.com/drugs</a>
Honorable Mention	Connor Randolph	Sheldon (Fendall)	Drug Discovery: Synthesizing an End to Cancer	<a href="http://connorrandolph.wix.com/cancer-treatment">http://connorrandolph.wix.com/cancer-treatment</a>
Honorable Mention	Shreya Sahoo	Vista Del Lago	Cracking the Code: Biological Drugs	<a href="http://shreyasahoo98.wix.com/crackthecode">http://shreyasahoo98.wix.com/crackthecode</a>
Honorable Mention	Timothea Tram	Sheldon (Ziegenhirt)	Neurological Diseases: Improving Lives	<a href="http://liltimmytram.wix.com/neurological-disease">http://liltimmytram.wix.com/neurological-disease</a>
Honorable Mention	Andrew Warner	Christian Brothers (Keller)	HIV & AIDS Drug Discovery	<a href="http://andrewsschoolemail.wix.com/teenbiotech">http://andrewsschoolemail.wix.com/teenbiotech</a>

<b>Environmental Biotechnology</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Audrey Cheng	Henry M. Gunn (Zizmor)	Bioplastics	<a href="http://teenbio2015.wix.com/bioplastic">http://teenbio2015.wix.com/bioplastic</a>
Second Place - Tie	Kathrine Belt, Meranda Kautz and Emily Yescas	Linden (Stewart)	Bioremediation	<a href="http://stewardclassroom20.wix.com/bioremediation#!home/cfvq">http://stewardclassroom20.wix.com/bioremediation#!home/cfvq</a>
Second Place - Tie	Sean Ashley Calalang, Madeline Carpenter and Alexandra Maletsky	Rodriguez (Scully)	The Perfect Remedy	<a href="http://s112388.wix.com/perfectremedy">http://s112388.wix.com/perfectremedy</a>
Third Place - Tie	Jem Doan and Dante Domingo	Sheldon (Brennan)	Bioremediation: Microorganisms Cleaning the Environment	<a href="http://jdbioremed.wix.com/bioremediation">http://jdbioremed.wix.com/bioremediation</a>
Third Place - Tie	An Zheng and Ping Zheng	Davis (Richardson)	All About Biofuels	<a href="http://allaboutbiofuels.wix.com/biofuels">http://allaboutbiofuels.wix.com/biofuels</a>
Honorable Mention	Charleen Duong and Maithao Tran	Sheldon (O'Bear)	Bioremediation	<a href="http://charmai.wix.com/bioremediation">http://charmai.wix.com/bioremediation</a>
Honorable Mention	Van Hsieh	Davis (Moriarty)	Fuel the World	<a href="http://vanhsieh71442.wix.com/fuel-the-world">http://vanhsieh71442.wix.com/fuel-the-world</a>
Honorable Mention	Erica Tapia	El Camino (Dias)	A New Era: Microalgae for Fuel	<a href="http://raindrop7603.wix.com/microalgae-for-fuel">http://raindrop7603.wix.com/microalgae-for-fuel</a>
Honorable Mention	Elanor Weber	Christian Brothers (Keller)	Trees Healing Trees	<a href="http://ellyorellie.wix.com/phytoremediation">http://ellyorellie.wix.com/phytoremediation</a>

<b>Nanobiotechnology</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Preethi Bhat	Davis (Raymond)	Biosensors: The Future of Detection	<a href="http://preethisribhat.wix.com/biosensors">http://preethisribhat.wix.com/biosensors</a>
Second Place	Jasleen Kaur	Sheldon (Cecil)	Nanotechnology: Future of Medicine and Technology	<a href="http://kjasleen118.wix.com/nanotechnology">http://kjasleen118.wix.com/nanotechnology</a>
Third Place	Fiza Baloch	Sheldon (Fendall)	Nanotechnology: A World Beyond Micro	<a href="http://fizabaloch123.wix.com/nanotechnology">http://fizabaloch123.wix.com/nanotechnology</a>
Honorable Mention	Katie Brown, Noah Dean and Madeleine Jones	El Camino (Dias)	Biomimetics: Mimicking Nature's Inventions	<a href="http://biomimetics.wix.com/nokama">http://biomimetics.wix.com/nokama</a>
Honorable Mention	Sean Fu	Christian Brothers (Brousseau)	Nanocarriers: Drug of the Future	<a href="http://seanfu1997.wix.com/drugofthefuture">http://seanfu1997.wix.com/drugofthefuture</a>
Honorable Mention	Alyssa Gimenez	Davis (Moriarty)	Nanotechnology & Synthetic Biology: This is Gonna Be Big	<a href="http://mgalyssa11.wix.com/nanobio">http://mgalyssa11.wix.com/nanobio</a>
Honorable Mention	Adrian Legaspi, Hope Runas and Micela Simpliciano-Medina	American Canyon (Hawkins)	Molecular & Medical Imaging Systems	<a href="http://hoperunas.wix.com/mmimagingsystem">http://hoperunas.wix.com/mmimagingsystem</a>
Honorable Mention	Shreya Sudarshana	Davis (Van Muyden)	Isothermal Amplification: Innovation in Microbial Detection	<a href="http://ssshreya11.wix.com/isothermal">http://ssshreya11.wix.com/isothermal</a>

<b>Personal Genomics &amp; Human Health</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Jimmy (Cheng) Zhou	Davis (Raymond)	Impact of the ENCODE Project on Human Health	<a href="http://jimmyaggie.wix.com/encode-project">http://jimmyaggie.wix.com/encode-project</a>
Second Place - Tie	Sehyun Hwang	Davis (Moriarty)	Personalized Medicine: Adding the "Me" in "Medical Care"	<a href="http://sehyun1203.wix.com/personalizedmedicine">http://sehyun1203.wix.com/personalizedmedicine</a>
Second Place - Tie	Lyna Khu and Nathan Lemus	Sheldon (Ziegenhirt)	Gene Therapy	<a href="http://nathanlyna15.wix.com/gene-therapy">http://nathanlyna15.wix.com/gene-therapy</a>
Third Place - Tie	Hongyi Huang	Christian Brothers (Brousseau)	Into the Wild: Magic of Epigenetics	<a href="http://hhyi247.wix.com/humangenomicsproject">http://hhyi247.wix.com/humangenomicsproject</a>
Third Place - Tie	Erika Robles	Christian Brothers (Thayer)	Understanding Genetics	<a href="http://erikarobles98.wix.com/genetics">http://erikarobles98.wix.com/genetics</a>
Honorable Mention	Kaitlin Lagorio and Samantha Riley	Linden (Stewart)	Designer Babies	<a href="http://samanthagriley97.wix.com/designer-babies">http://samanthagriley97.wix.com/designer-babies</a>
Honorable Mention	Hailee Morgan, Kendall Morrow and Sophia Torrez	El Camino (Dias)	Designer Babies	<a href="http://sophiartorrez.wix.com/designer-babies-info">http://sophiartorrez.wix.com/designer-babies-info</a>
Honorable Mention	Nadya Oliver and Esther Ozeruga	Antelope (Williams)	Designing a New Generation	<a href="http://estherozeruga.wix.com/a-future-generation">http://estherozeruga.wix.com/a-future-generation</a>
Honorable Mention	Mikah Watts and Rani Whitfield	Sheldon (Kosney)	Autism & Epigenetics	<a href="http://mikahrwatts.wix.com/autismepigenetics">http://mikahrwatts.wix.com/autismepigenetics</a>

<b>Regenerative Medicine</b>	<b>Student Name(s)</b>	<b>High School - Teacher</b>	<b>Website Name</b>	<b>URL</b>
First Place	Quynh Anh Dam	Sheldon (Brennan)	Biofabrication: Revolution of Science	<a href="http://damquynhanh77.wix.com/biofabrication">http://damquynhanh77.wix.com/biofabrication</a>
Second Place - Tie	Ian Collis, Bailey Jones and Dayton Oldham	Linden (Stewart)	Regenerative Medicine: Artificial Prosthetics	<a href="http://iancollis1.wix.com/wwaid">http://iancollis1.wix.com/wwaid</a>
Second Place - Tie	Katherine Hu	Davis (Moriarty)	Stem Cell Therapy: A Revolution in Regenerative Medicine	<a href="http://kathyhu.wix.com/stemcelltherapy">http://kathyhu.wix.com/stemcelltherapy</a>
Third Place - Tie	Kaitlyn Chen	Sheldon (Cecil)	Stem Cells: The Future of Medicine	<a href="http://chenkaitlyn.wix.com/stemcells">http://chenkaitlyn.wix.com/stemcells</a>
Third Place - Tie	Cheyenne Santos	Sheldon (Brennan)	Prosthetic Limbs: Recovery One Step at a Time	<a href="http://cheyennesantos.wix.com/prosthetics">http://cheyennesantos.wix.com/prosthetics</a>
Honorable Mention	Joe Arizmendez, Jasdeep Bura and Vadim Voyku	Antelope (Anderson)	The Future of Transplants: Artificial Limbs & Organs	<a href="http://vvoyku.wix.com/prosthetics">http://vvoyku.wix.com/prosthetics</a>
Honorable Mention	Nathan Beley, Rita Guzman and Haimeth Villa	American Canyon (Hawkins)	Regenerative Medicine: Restoring Normal Human Function	<a href="http://nathanbeley.wix.com/regenmedicine1">http://nathanbeley.wix.com/regenmedicine1</a>
Honorable Mention	Aldrin Catap and Cathrine Jovez	Vallejo (Banda)	Artificial Organs	<a href="http://catherinealdrinbio.wix.com/artificial-organs">http://catherinealdrinbio.wix.com/artificial-organs</a>
Honorable Mention	Sofia Foondos, Sofia Watts, Ryan Kemp	El Camino (Dias)	Synthetic Organs	<a href="http://sofiawattss.wix.com/sofiax2-ryankemp">http://sofiawattss.wix.com/sofiax2-ryankemp</a>
Honorable Mention	Saabhir Gill and Nimish Saxena	Mira Loma (Kelly)	Regenerative Medicine: The Cure of the Future	<a href="http://dezian3.wix.com/regenerativemedicine">http://dezian3.wix.com/regenerativemedicine</a>

Honorable Mention	Elora Paule	Sheldon (O'Bear)	Regenerative Medicine: Stem Cells	<a href="http://elorapaule.wix.com/regenerativemedicine">http://elorapaule.wix.com/regenerativemedicine</a>
Honorable Mention	Omar Sultan	Christian Brothers (Delgado)	Cochlear Implant: The Bionic Ear	<a href="http://osranger.wix.com/thebionicear">http://osranger.wix.com/thebionicear</a>