

NOW 3 FULL DAYS! REGISTER BY SEPTEMBER 7 & SAVE \$100

**SMALL-CLASS • HANDS-ON • FULL-DAY**



NOVEMBER 4-6, 2021 • DENVER, COLORADO

Join *Brew Your Own* for in-depth, full-day, small-class, brewing learning experiences plus a new bonus day to learn from all our all-star cast of speakers.

- Two days of learning hands-on from brewing experts including: John Palmer, Ashton Lewis, Steve Parkes, Dr. Chris White, Gordon Strong, Brad Smith, John Blichmann, and more! Each boot camp is limited to just 35 people so don't wait to sign up.
- One full day of back-to-back brewing seminars from our experts so you have a chance to learn from all our speakers beyond your small-class Boot Camps.

**CHECK OUT THE FULL PROGRAM DETAILS  
ON THE NEXT THREE PAGES.**

SAVE \$100 WHEN YOU REGISTER BY SEPTEMBER 7 FOR THREE DAYS! TWO AND THREE-DAY REGISTRATIONS ARE AVAILABLE. BUT DON'T WAIT, OUR BOOT CAMPS HAVE SOLD OUT EARLY IN THE PAST.

**BYOBootCamp.com**

Thank you to our BYO Boot Camp Sponsors:



...And more sponsors to come! List current as of March 18, 2021

## WEDNESDAY, NOVEMBER 3, 2021



**INSIDER TOUR OF DENVER-AREA CRAFT BREWERIES** - You'll tour – and taste – at four different craft breweries in the Denver area during this pre-event optional offering. You'll have the opportunity to meet brewers and ask questions in addition to sampling their beers. Includes a beer-pairing meal. A great way to kick off your BYO Boot Camp experience and check out some of Denver's thriving craft beer scene.

## THURSDAY, NOVEMBER 4, 2021 DENVER BOOT CAMPS

Each Boot Camp will run from 9:30 a.m. to 5 p.m. and is limited to just 35 people. Your Boot Camp will include lunch as well as a post-Boot Camp Colorado Beer Reception with local craft breweries pouring samples to wrap up your full day.



**TROUBLESHOOTING HOMEBREW FAULTS & FIXES** – *with Ashton Lewis* – Join *Brew Your Own's* Mr. Wizard and Technical Editor Ashton Lewis as he walks you through the potential minefield of beer flaws and faults homebrewers can face. You'll learn how to troubleshoot – and fix! – your own homebrews with Ashton who has helped thousands of homebrewers over the last 20+ years troubleshoot common and not-so-common beer problems as *BYO's* Mr. Wizard. You'll have a chance to experience many faults first-hand to better recognize them later. Plus as a special bonus, bring in your own troubled homebrews and Ashton will use your beer as a live example walking the class through the thought process as he figures out what might have gone wrong with your homebrew and what you can do to fix the problem moving forward.



**ALL-GRAIN BREWING ESSENTIALS** – *with John Palmer and John Blichmann* – Designed for intermediate to beginner homebrewers getting into all-grain brewing, this full-day workshop will cover all you need to know to successfully make great homebrews using all-grain brewing both with traditional and newer techniques. *How To Brew* author John Palmer and equipment guru John Blichmann will take you hands-on through the full all-grain process from milling, mashing, and sparging before going into the boil. You'll get to know the equipment, techniques, and ingredients first-hand and learn all-grain brewing by doing in a small-class environment. They'll also cover newer homebrew all-grain techniques such as Brew-in-a-Bag and No Sparge in addition to traditional mash methods and some advanced tips as well.



**RECIPE FORMULATION ESSENTIALS** – *with Brad Smith* – Learn the best ways to jump into creating your own signature recipes and understand the keys to developing a specific grain bill, hop schedule, and ingredient proportions to meet your homebrewing goals. Brad Smith, owner of Beersmith software and a *Brew Your Own* Contributing Writer, has helped thousands of homebrewers design their own beer recipes and now you'll learn first-hand from this recipe building expert how to use both artistic and scientific approaches to beer design to end up with the beer you had envisioned in your glass. You'll explore ingredients, techniques, and even your own brewing system during this practical boot camp that will get you on the right path to craft your own recipes for better beers at home. Please note Brad will also be offering an advanced recipe design workshop on Saturday as well.



**SIMPLIFY YOUR BREWING** – *with Drew Beechum and Denny Conn* – As a homebrewer progresses through the hobby there comes a temptation to feel you need to keep adding more equipment, more techniques, more ingredients, and more of everything. At a certain point you can find yourself wondering how it all got so complicated and even less fun than it was at the beginning. *BYO Techniques* Columnists, book authors, and podcasters Drew Beechum and Denny Conn will spend the day making sure you still produce great beer, but with less headaches, worries, and time. From streamlining your brewing process to simplifying your recipes without sacrificing beer quality, Denny and Drew will free up your time to brew more often and have more fun and success as they remind you why you fell in love with homebrewing in the first place.



**ADVANCED ALL-GRAIN TECHNIQUES** – *with Gordon Strong* – Pull out the mash tun and get ready to learn advanced all-grain techniques hands-on with *Brew Your Own* "Style Profile" Columnist, book author, and President of the Beer Judge Certification Program, Gordon Strong. Gordon will walk you through a world beyond straight infusion mashing with keys to mastering step mashing, sour mashing, and decoction mashing. Plus you'll learn about playing with mash thickness and other ways to control your all-grain wort production. Please note this workshop will also be offered on Saturday as well.



**ADVANCED YEAST TECHNIQUES** – *with Dr. Chris White* – Join Dr. Chris White of White Labs as he discusses how to master different yeast-related techniques including harvesting yeast, figuring cell counts, the dos and don'ts of repitching including steps such as yeast washing, building up a proper yeast starter, storing your yeast samples, and much more. Here's your chance in a full-day seminar format to learn about getting the most from your yeast from one of the true leaders in the beer yeast field.



**ADVANCED HOMEBREW HOPPING TECHNIQUES** – *with Dave Green* – Join *Brew Your Own's* Dave Green as he explores when and how to add hops to create awesome hop-forward brews. You'll explore the basics of hop biology (and why it matters to us!); techniques and timing of hop usage including mash hopping, boil hopping, whirlpool/knockout hop stand additions, and dry hopping; hop varietal choice strategies including hop pairing/blending; evaluating hops including hands-on hop rubbing and sensory training; and practical usage techniques including hop extracts, boil-hops "management" (bags, filters, free addition), and water adjustments for hoppy beers. By the end of the full day Dave will make sure you are making informed hops decisions and getting the most out of your hops – and into your glass!

**FRIDAY, NOVEMBER 5, 2021  
BONUS BOOT CAMP SEMINARS  
9:15 A.M. TO 5 P.M.**

We are adding a third bonus day to our normal event schedule based on feedback we've received from past attendees who wished they had a chance to learn from all our assembled speakers beyond their Boot Camp workshops. So for 2021, we've scheduled a full day of seven different seminars led by our cast of brewing all stars who will share their knowledge with you on their area of expertise. It will be a full day packed with great tips and techniques from the best in the industry so get ready to learn. Plus you'll have even more time to check out the latest homebrew gear and ingredients with our Boot Camp sponsors located right in the meeting area.



**9:15 A.M. – 10 A.M.**  
Brad Smith on Recipe Design



**1:15 P.M. – 2 P.M.**  
Gordon Strong on Evaluating Homebrew Like a Beer Judge



**10:15 A.M. - 11 A.M.**  
Dr. Chris White on Yeast Propagation for Homebrewers



**2:15 P.M. – 3 P.M.**  
John Blichmann on Layout Designs for Homebreweries



**11:15 A.M. – NOON**  
Ashton Lewis on Avoiding Brewing's 5 Biggest Mistakes



**3:15 P.M. – 4 P.M.**  
John Palmer on Brewing Water Demystified



**NOON TO 1 P.M.**  
Lunch



**4:15 P.M. – 5 P.M.**  
Kara Taylor on Yeast and Fermentation Myths Busted

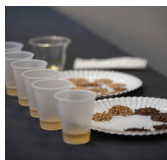


**TURNING PRO & COMMERCIAL BREWERY START-UP: THREE-DAY BOOT CAMP**

– *with Steve Parkes* – By popular demand, we're expanding our past two-day Brewery Start-Up Boot Camp to three full days to better cover more material in more depth for you. When you register for this class you will attend it for Thursday, Friday, and Saturday unlike our other offerings. Opening up a commercial brewery is a far cry from just ramping up the amount of beer you brew. Steve Parkes, who has trained hundreds of pro brewers as lead instructor and owner of the American Brewers Guild, will walk you through the steps, planning decisions, and keys you need to know if you want to open a successful commercial craft brewery. Learn from his decades of expertise and wide range of experience to help you better achieve your goals of turning pro. Over three full days Steve will guide you in depth through all the various elements you'll have to know for the next big step toward starting a craft brewery.

## SATURDAY, NOVEMBER 6, 2021 DENVER BOOT CAMPS

Each Boot Camp will run from 9:30 a.m. to 5 p.m. and is limited to just 35 people. Your Boot Camp will include lunch as well as a post-Boot Camp Colorado Beer Reception with local craft breweries pouring samples to wrap up your full day.



**ADVANCED RECIPE FORMULATION** – *with Brad Smith* – Take your recipe creations to the next level by dialing in the specific grain bill, hop schedule, ingredient proportions, and water treatments to meet your brewing goals. Brad Smith, owner of Beersmith software and a *Brew Your Own* Contributing Writer, has helped thousands of homebrewers design their own beer recipes and now he's ready to get in-depth on the details of beer design so you end up with the beer you had envisioned in your glass. You'll explore ingredients, techniques, and understanding your own brewing system during this boot camp designed for advanced homebrewers that will help you craft your own recipes for better beers. This workshop can be taken in combination with Brad's Recipe Formulation Essentials class on Thursday that offers more of an introduction to intermediate and beginning brewers to the concepts of writing your own recipes.



**ADVANCED YEAST LAB** – *with Kara Taylor* – Join White Labs' Laboratory Operations Manager Kara Taylor for some hands-on yeast lab work to develop skills you can bring back home to help you make better beer. Learn how to accurately count yeast using a microscope, culturing yeast, using slants, harvesting yeast, washing and reusing yeast, propagation and determining growth rates, and more. Here's your chance to learn hands-on what you may have read in books and magazines, or listened to in seminars, and Kara's the perfect teacher to lead you through the world of yeast using lab equipment you can source for your home use.



**HANDS-ON HOMEBREW SCIENCE** – *with Ashton Lewis* – Get hands-on with pH meters, slants and loops, stir plates, centrifuges, and other brewing science gear with *BYO* Technical Editor and Mr. Wizard Columnist Ashton Lewis. Ashton will walk you through how to best use scientific gear at home to help you improve the quality of your beer. You will have the chance to understand not only how to use and care for the equipment properly, but also how to take the results and put that data into action to produce better beer in your glass. This workshop will focus only on those pieces of equipment suitable – and affordable – for your homebrewery.



**BREWING WATER ADJUSTMENTS** – *with John Palmer* – Water is the least understood ingredient when making great beer. John Palmer, who literally wrote the definitive book on the subject, *Water: A Comprehensive Guide for Brewers*, will help take the mystery out of water's role in brewing and how to make better beer as a result. You'll learn how to read water reports, understand flavor contributions, and how to adjust your brewing water to make different styles of beer. You'll leave with not only an understanding of the chemistry concepts of brewing water, but also the practical how-to aspects of getting the most from this critical brewing ingredient.



**HOMEBREW EXPERIMENTS** – *with Drew Beechum and Denny Conn* – Developing your own recipes, refining your own brewing techniques, and tweaking your equipment set-up all require the know-how to conduct your own homebrew experiments. Without reliable results you rely on guesswork instead of facts to improve your brewing. Join two of the true leaders in experimenting with homebrews – podcasters and book authors Drew Beechum and Denny Conn from *Experimental Brewing* as they first walk you through how to properly conduct your own experiments at home including structured blind evaluation techniques, and then walk you through some real life homebrew case studies to show how these experiments can play out. Get ready to roll up your sleeves and get your science on!



**ADVANCED ALL-GRAIN TECHNIQUES** – *with Gordon Strong* – Pull out the mash tun and get ready to learn advanced all-grain techniques hands-on with *Brew Your Own* "Style Profile" Columnist, book author, and President of the Beer Judge Certification Program, Gordon Strong. Gordon will walk you through a world beyond straight infusion mashing with keys to mastering step mashing, sour mashing, and decoction mashing. Plus you'll learn about playing with mash thickness and other ways to control your all-grain wort production. Note: This Saturday workshop is a repeat of the Thursday class and is offered twice due to its popularity.

Three-Day and Two-Day Registration Options Available.

Full Event Details Available at:

**[BYOBootCamp.com](http://BYOBootCamp.com)**