



# How Twitch Made Me a Better Teacher

**Sean Bouchard**

Faculty, USC Games

@ndef



# Hi! I'm Sean.



ndef



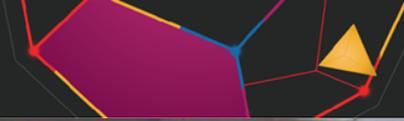
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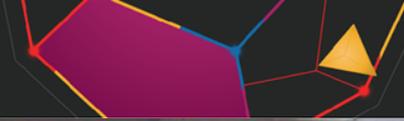
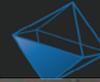
USC Interactive Media  
& Games Division





Class of 2011





Class of 2011





**BILL GRANE**

@funwithbill



**SEAN PLOTT**

@day9tv



**SEAN BOUCHARD**

@ndef



GDC

GAME DEVELOPERS CONFERENCE®

| FEB 27-MAR 3, 2017

| EXPO: MAR 1-3, 2017

#GDC17



twitch





**Twitch**

=

**Webinar**





**Twitch**

=

**Webinar**

**1 to Many  
Presentation**





**Twitch**

=

**Webinar**

**1 to Many  
Presentation**

**Global  
Chat**





**Twitch**

=

**Webinar**

**1 to Many  
Presentation**

**Global  
Chat**

**Screen  
Sharing**





**100 Million**  
viewers per month





# 12 hours

average weekly viewership





# \$970 Million

2014 acquisition by Amazon





USC Interactive Media  
& Games Division





Advanced Game Project Lab





# My Classroom Practice

- Narrate game experience
- Identify experience goals
- Articulate what works and what doesn't
- Deconstruct design decisions
- Brainstorm possible alternatives





# Cool.

So how did Twitch make me a better teacher?





## GAMEDEV STORY



with apologies to [webcomicname.com](http://webcomicname.com)

Image credit: Maíra Testa ([twitter.com/maira\\_testa](https://twitter.com/maira_testa))





Alan Wake's American Nightmare

 Links ▾

 View Stats ▾

 Review...



Alice: Madness Returns

 Links ▾

 Review...



Alien: Isolation

 Links ▾

 View Stats ▾

 Review...



Aliens vs. Predator

 Links ▾

 View Stats ▾

 Review...



Always Sometimes Monsters

 Links ▾

 View Stats ▾

 Review...



Amnesia: A Machine for Pigs

 Links ▾

 View Stats ▾

 Review...



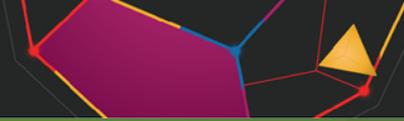
Aquaria

 Links ▾

 View Stats ▾

 Review...





**PLAY**  
by  
**PLAY**





 @ndef  
follow on twitter

PLAY  
by  
PLAY





# My Streaming Practice

- Narrate game experience
- Identify experience goals
- Articulate what works and what doesn't
- Deconstruct design decisions
- Brainstorm possible alternatives



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twitch





<http://twitch.tv>





Play by Play: Quadrilateral Cowboy (Part 1) • 4 months ago

Quadrilateral Cowboy

35

Edit

Share

⋮

**Shykhander0** : dat clamber

**rotopenguin** : Beat the global average!

**Jen\_McKenzie** : Or did he severely lose?

**jleclanche** : thanorodd what does that do?

**thanorodd** : oh hey look, the thing he almost got done last time 

**jleclanche** : oh hah

**KevGuuey** : Sean will be the best hacker in the world!

**KevGuuey** : 

**rotopenguin** : dat clicky-flashlight sound

**Evewhite** : you can tell Sean is enjoying this game because he's not taking timely breaks 

**rotopenguin** : I can feel the rubber tailcap

**KevGuuey** :  beep

jetlag620 : ....

jetlag620 : why?

**jleclanche** : @Evewhite wait(300); stream.continue()

**Shykhander0** : "I can make the thing beep, can't I?" - adventure game logic at its finest





Showing your face  
helps connect you.



# OBS



**XSplit | Gamecaster**  
Broadcast your Gameplay. Conquer the World.



**XSplit | Broadcaster**  
Simple yet Powerful Live Streaming & Recording Software





# Resource Guide

[undefinedbehavior.com/GDC2017](http://undefinedbehavior.com/GDC2017)





# Twitch Culture





**DISCORD**  
 JOIN IMAGTPIE'S SERVER:  
[DISCORD.GG/IMAGTPIE](https://discord.gg/ImagTpie)

imaqtpie

Instead of only carrying your own lane, you're also carrying an AD or support + putting down 2 enemies instead of one

**virus\_deployed** : 8===>

**Samanito** : Quin man

**tumadrebela** : OwO

**Killuminati\_EDM** : Isong

**azorot12** : 8)

**Moobot** : Subscribe to my youtube!  
<https://www.youtube.com/c/imaqtpie>

**chrika8** : FAKER is in qtpie game

**AisuArt** : @Madeezy, there's a reason i followed that up with a

**Pink\_Yuno** : PLAY JINX

**frantzelino** : press 8) if u a are

**baksi01** : faker

**Hunter778** : TRISTANA

**killzone224** : lol

Send a message

**Chat**





:)



;) )



:(



:O



<3



:(



:P



:Z



:P



:O





"Kappa"





channel							
channel							
channel							
channel							
channel							
channel							
channel							





# Best Practices





1. Let people know what  
you're playing.





Broadcast Options

Title this broadcast

Play by Play with @ndef

Streaming

Betrayal at Krondor

Broadcast Language

English

Broadcast Language Mode

Cancel Done





## 2. Export videos to YouTube.





# 3. Create edit breaks.



A light green circle containing the text "PLAY by PLAY" in a bold, sans-serif font. The word "PLAY" is at the top, "by" is in the middle, and "PLAY" is at the bottom.

PLAY  
by  
PLAY

A dark green rounded rectangular box containing the text "Stand by! We'll be right back." in a white, serif font.

Stand by! We'll be right back.



# 4. Set a schedule.





# 5. Use social media.





# 6. Recruit a moderator.





# Structure





# A.Commentary Video





*[ aside ]*

*Commentary videos are great  
practice for peer playtesters.*





# B.In-Depth Analysis





# C. Questions & Answers





Would this game be better  
if it had a dragon?





# D.Ask-Me-Anything





# E.Developer Interview





**PLAY  
by  
PLAY**

**Q&A**



@ndef



@aseparatedplace



@bravepower





# F.Collaborative Analysis





**PLAY  
by  
PLAY**

**Q&A**



@ndef



@aseparatedplace



@bravepower





IMAGE



WEBCAM



SKYPE





# Programming





- How long will you play?
- How focused is the design?
- How entertaining is it to watch?
- Do you want to attract viewers, or show them something new?
- What do you want to play?





# Thank you!

**resource guide:** [undefinedbehavior.com/GDC2017](http://undefinedbehavior.com/GDC2017)

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