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8 **BEFORE THE**  
**BOARD OF PHARMACY**  
9 **DEPARTMENT OF CONSUMER AFFAIRS**  
**STATE OF CALIFORNIA**

10  
11 In the Matter of the Accusation Against:

Case No. 6106

12 **THE REGENTS OF THE UNIVERSITY**  
13 **OF CALIFORNIA DBA UCLA MEDICAL**  
14 **CENTER PHARMACEUTICAL**  
15 **TECHNOLOGY**  
1010 Veteran Ave.  
Los Angeles, CA 90095

**ACCUSATION**

16 Pharmacy Permit No. PHE 45579  
17 Sterile Compounding Permit No. LSE  
100359

18 **RICHARD CHARLES GRAUL**  
19 **(Pharmacist-in-Charge)**  
432 Diamond St.  
20 Arcadia, CA 91006

21 Pharmacist License No. RPH 52282

22 Respondents.

23  
24 Complainant alleges:

25 **PARTIES**

26 1. Virginia Herold (Complainant) brings this Accusation solely in her official capacity  
27 as the Executive Officer of the Board of Pharmacy, Department of Consumer Affairs.

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1           7.    Section 4300 of the Code states in relevant part:

2           "(a) Every license issued may be suspended or revoked.

3           (b) The board shall discipline the holder of any license issued by the board, whose default  
4 has been entered or whose case has been heard by the board and found guilty, by any of the  
5 following methods:

6           (1) Suspending judgment.

7           (2) Placing him or her upon probation.

8           (3) Suspending his or her right to practice for a period not exceeding one year.

9           (4) Revoking his or her license.

10          (5) Taking any other action in relation to disciplining him or her as the board in its  
11 discretion may deem proper.

12          \* \* \*

13          (e) The proceedings under this article shall be conducted in accordance with Chapter 5  
14 (commencing with Section 11500) of Part 1 of Division 3 of the Government Code, and the board  
15 shall have all the powers granted therein. The action shall be final, except that the propriety of  
16 the action is subject to review by the superior court pursuant to Section 1094.5 of the Code of  
17 Civil Procedure."

18          8.    Section 4300.1 of the Code states: "The expiration, cancellation, forfeiture, or  
19 suspension of a board-issued license by operation of law or by order or decision of the board or a  
20 court of law, the placement of a license on a retired status, or the voluntary surrender of a license  
21 by a licensee shall not deprive the board of jurisdiction to commence or proceed with any  
22 investigation of, or action or disciplinary proceeding against, the licensee or to render a decision  
23 suspending or revoking the license."

24          9.    Section 4342 of the Code states in relevant part:

25          "(a) The board may institute any action or actions as may be provided by law and that, in its  
26 discretion, are necessary, to prevent the sale of pharmaceutical preparations and drugs that do not  
27 conform to the standard and tests as to quality and strength, provided in the latest edition of the  
28 United States Pharmacopoeia or the National Formulary, or that violate any provision of the

1 Sherman Food, Drug, and Cosmetic Law (Part 5 (commencing with Section 109875) of Division  
2 104 of the Health and Safety Code).”

3 10. Section 4128 of the Code states:

4 “(a) Notwithstanding Section 4029, a centralized hospital packaging pharmacy may prepare  
5 medications, by performing the following specialized functions, for administration only to  
6 inpatients within its own general acute care hospital and one or more general acute care hospitals  
7 if the hospitals are under common ownership and located within a 75-mile radius of each other:

8 (1) Preparing unit dose packages for single administration to inpatients from bulk  
9 containers, if each unit dose package is barcoded pursuant to Section 4128.4.

10 (2) Preparing sterile compounded unit dose drugs for administration to inpatients, if each  
11 compounded unit dose drug is barcoded pursuant to Section 4128.4.

12 (3) Preparing compounded unit dose drugs for administration to inpatients, if each unit dose  
13 package is barcoded pursuant to Section 4128.4.

14 (b) For purposes of this article, “common ownership” means that the ownership information  
15 on file with the board pursuant to Section 4201 for the licensed pharmacy is consistent with the  
16 ownership information on file with the board for the other licensed pharmacy or pharmacies for  
17 purposes of preparing medications pursuant to this section.”

18 11. Section 4128.2 of the Code states in relevant part:

19 “(a) In addition to the pharmacy license requirement described in Section 4110, a  
20 centralized hospital packaging pharmacy shall obtain a specialty license from the board prior to  
21 engaging in the functions described in Section 4128.”

22 12. Section 4169 of the Code states in relevant part:

23 “(a) A person or entity shall not do any of the following:

24 \*\*\*

25 (2) Purchase, trade, sell, or transfer dangerous drugs that the person knew or reasonably  
26 should have known were adulterated, as set forth in Article 2 (commencing with Section 111250)  
27 of Chapter 6 of Part 5 of Division 104 of the Health and Safety Code.

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1 (3) Purchase, trade, sell, or transfer dangerous drugs that the person knew or reasonably  
2 should have known were misbranded, as defined in Section 111335 of the Health and Safety  
3 Code.”

4 13. Section 4301 of the Code states in relevant part:

5 “The board shall take action against any holder of a license who is guilty of unprofessional  
6 conduct or whose license has been procured by fraud or misrepresentation or issued by mistake.  
7 Unprofessional conduct shall include, but is not limited to, any of the following:

8 \* \* \*

9 (j) The violation of any of the statutes of this state, or any other state, or of the United  
10 States regulating controlled substances and dangerous drugs.

11 \* \* \*

12 (o) Violating or attempting to violate, directly or indirectly, or assisting in or abetting the  
13 violation of or conspiring to violate any provision or term of this chapter or of the applicable  
14 federal and state laws and regulations governing pharmacy, including regulations established by  
15 the board or by any other state or federal regulatory agency.”

16 14. Section 111250 of the Health and Safety Code states: “Any drug or device is  
17 adulterated if it consists, in whole or in part, of any filthy, putrid, or decomposed substance.”

18 15. Section 111295 of the Health and Safety Code states: “It is unlawful for any person to  
19 manufacture, sell, deliver, hold, or offer for sale any drug or device that is adulterated.”

20 16. Section 111330 of the Health and Safety Code states: “Any drug or device is  
21 misbranded if its labeling is false or misleading in any particular.”

22 17. Section 111440 of the Health and Safety Code states: “It is unlawful for any person to  
23 manufacture, sell, deliver, hold, or offer for sale any drug or device that is misbranded.”

24 **REGULATORY PROVISIONS**

25 18. California Code of Regulations, title 16, section 1735.2, states in relevant part:

26 “(a) Except as specified in (b) and (c), no drug product shall be compounded prior to receipt  
27 by a pharmacy of a valid prescription for an individual patient where the prescriber has approved  
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1 use of a compounded drug preparation either orally or in writing. Where approval is given orally,  
2 that approval shall be noted on the prescription prior to compounding.

3 (b) A pharmacy may prepare and store a limited quantity of a compounded drug product in  
4 advance of receipt of a patient-specific prescription where and solely in such quantity as is  
5 necessary to ensure continuity of care for an identified population of patients of the pharmacy  
6 based on a documented history of prescriptions for that patient population.

7 (c) A "reasonable quantity" as used in Business and Professions Code section 4052(a)(1),  
8 means that amount of compounded drug product that:

9 (1) is sufficient for administration or application to patients in the prescriber's office, or for  
10 distribution of not more than a 72-hour supply to the prescriber's patients, as estimated by the  
11 prescriber; and

12 (2) is reasonable considering the intended use of the compounded medication and the nature  
13 of the prescriber's practice; and

14 (3) for any individual prescriber and for all prescribers taken as a whole, is an amount  
15 which the pharmacy is capable of compounding in compliance with pharmaceutical standards for  
16 integrity, potency, quality and strength of the compounded drug product."

17 19. California Code of Regulations, title 16, section 1751.7, states in relevant part:

18 "(b)(1) The pharmacy and each individual involved in the compounding of sterile drug  
19 preparations must successfully demonstrate competency on aseptic technique and aseptic area  
20 practices before being allowed to prepare sterile drug preparations. The validation process shall  
21 be carried out in the same manner as normal production, except that an appropriate  
22 microbiological growth medium is used in place of the actual product used during sterile  
23 preparation. The validation process shall be representative of the types of manipulations, products  
24 and batch sizes the individual is expected to prepare and include a media-fill test. The validation  
25 process shall be as complicated as the most complex manipulations performed by staff and  
26 contain the same amount or greater amount of volume transferred during the compounding  
27 process. The same personnel, procedures, equipment, and materials must be used in the testing.  
28 Media used must have demonstrated the ability to support and promote growth. Completed

1 medium samples must be incubated in a manner consistent with the manufacturer's  
2 recommendations. If microbial growth is detected, then each individual's sterile preparation  
3 process must be evaluated, corrective action taken and documented, and the validation process  
4 repeated.

5 (2) Each individual's competency must be revalidated at least every twelve months for  
6 sterile to sterile compounding and at least every six months for individuals compounding sterile  
7 preparations from non-sterile ingredients.

8 (3) The pharmacy's validation process on aseptic technique and aseptic area practices must  
9 be revalidated whenever:

10 (A) the quality assurance program yields an unacceptable result,

11 (B) there is any change in the compounding process, the Primary Engineering Control  
12 (PEC), or the compounding environment. For purposes of this subsection, a change includes, but  
13 is not limited to, when the PEC is moved, repaired or replaced, when the facility is modified in a  
14 manner that affects airflow or traffic patterns, or when improper aseptic techniques are observed.

15 (4) The pharmacy must document the validation and revalidation process.

16 (c) All sterile compounding personnel must successfully complete an initial competency  
17 evaluation. In addition, immediately following the initial hand hygiene and garbing procedure,  
18 each individual who may be required to do so in practice must successfully complete a gloved  
19 fingertip (all fingers on both hands) sampling procedure (zero colony forming units for both  
20 hands) at least three times before initially being allowed to compound sterile drug preparations.”

21 **CONTROLLED SUBSTANCES/DANGEROUS DRUGS**

22 20. Monosodium glutamate monohydrate (MSG) used for cardioplegia is categorized as a  
23 dangerous drug pursuant to Business and Professions Code section 4022.

24 21. Monosodium aspartate monohydrate (MSA) used for cardioplegia is categorized as a  
25 dangerous drug pursuant to Business and Professions Code section 4022.

26 22. Hydroxyprogesterone caproate (brand name, Progestin) is a hormone that is  
27 categorized as a dangerous drug pursuant to Business and Professions Code section 4022.





1           30. The Board Inspector returned to Respondent UCLA PTL on or about October 21,  
2 2016 for a second inspection of the pharmacy. During this inspection, Respondent Graul was not  
3 present. However, the Board Inspector was assisted by pharmacist F. H. and was later joined by  
4 UCLA Chief Pharmacy Officer D. Z., pharmacist R. Q., and pharmacist R.

5           31. Upon inspection of the general compounding room, the Board Inspector found  
6 expired bulk powders and medication bottles in the active medication stock.

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32. Based on the two inspections, the Board Inspector found the following:

CSP	Lot Number	Date Prepared	Assigned Beyond-Use-Date (BUD)	Number of Bags Prepared	Compounding Record Review
MSG <sup>1</sup> 4.28%, MSA <sup>2</sup> 3.92% cardioplegic solution	21-056	05/11/2016	09/11/2016	76 x 250 ml bags	Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17- U07-018656) expired on 11/07/2015
MSG 4.28%, MSA 3.92% cardioplegic solution	19-125	12/08/2015	04/08/2016	80 x 250 ml bags	Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17- U07-018656). expired on 11/07/2015
MSG 4.28%, MSA 3.92% cardioplegic solution	12-026	02/03/2016	06/03/2016	76 x 250 ml bags	Active ingredient used in compounding (L- glutamic acid, lot #R012M004) expired on 02/04/2016

<sup>1</sup> MSG – monosodium glutamate monohydrate  
<sup>2</sup> MSA – monosodium aspartate monohydrate

CSP	Lot Number	Date Prepared	Assigned Beyond-Use-Date (BUD)	Number of Bags Prepared	Compounding Record Review
MSG 4.28%, MSA 3.92% cardiolegic solution	02-105	10/01/2015	02/01/2016	79 x 250 ml bags	Active ingredient used in compounding (L- aspartic acid, lot #R005M007) expired on 11/14/2015. Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17- U07-018656) expired on 11/07/2015
CPD <sup>3</sup> anticoagulant solution	55-066	06/27/2016	10/27/2016	196 x 500 ml bags	Active ingredient used in compounding (sodium phosphate monobasic, lot #1077539A) expired on 06/03/2016

Drug/Chemical Name	Quantity	Expiration Date On Drug
Hydroxyprogesterone caproate, USP 25 gm	2 bottles	07/17/2016
Estradiol, USP 1 gm	1 bottle	09/2016
Clopidogrel tablets, 75 mg	2 bottles	07/2016
Mexiletine capsules, 150 mg	1 bottle	09/2016
Mexiletine capsules, 200 mg	1 bottle	09/2016

<sup>3</sup> CPD – citrate phosphate dextrose

CSP	Lot Number	Date Prepared	Assigned BUD	Number of Bags Prepared	Number of Bags Tested	Unlawful Findings
CPD anticoagulant solution	13-056	05/06/2016	09/06/2016	196 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags
CPD anticoagulant solution	55-066	06/27/2016	10/27/2016	196 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags
CPD anticoagulant solution	54-096	09/14/2016	01/14/2017	189 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags
CPD anticoagulant solution	27-076	07/27/2016	11/27/2016	198 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags

**FIRST CAUSE FOR DISCIPLINE**

**(Acting Outside Scope of Current Licenses and Failure to Obtain Required Specialty License)**

33. Respondents UCLA PT and Graul are subject to disciplinary action under sections 4128 and 4128.2, subdivision (a) for acting outside the scope of the compounding limitations and requirements imposed by California Code of Regulations, title 16, section 1735.2, subdivisions (a), (b), and (c); and for failure to obtain a specialty license from the Board prior to engaging in activities outside the compounding limitations and restrictions imposed by law. Specifically,

1 Respondents were acting as a centralized hospital packaging pharmacy because although some  
 2 drugs were compounded pursuant to a prescription for an individual patient, most of the  
 3 compounds were prepared in batches for anticipatory future use for administration to patients  
 4 throughout the UCLA healthcare system. A specialty license is required to operate as a  
 5 centralized hospital packaging pharmacy, which Respondents failed to obtain from the Board.  
 6 Complainant refers to and by this reference incorporates allegations of paragraphs 27 through 32  
 7 above as though fully set forth.

8 **SECOND CAUSE FOR DISCIPLINE**

9 **(Failure to Meet Standards for Sterile Injectable Compounding Quality Assurance and**  
 10 **Process Validation)**

11 34. Respondents UCLA PT and Graul are subject to disciplinary action under section  
 12 4301, subdivision (j) and (o) for violating California Code of Regulations, title 16, sections  
 13 1751.7, subdivisions (b) and (c) for failing to meet standards for sterile injectable compounding  
 14 quality assurance and process validation. Specifically, there are no records indicating each  
 15 individual involved in the preparation of sterile injectable products completed a validation  
 16 process that demonstrates competency on aseptic technique and aseptic area practices before  
 17 being allowed to prepare sterile drug preparations. Additionally, the following CSPs compounded  
 18 from one or more non-sterile ingredients were not subjected to proper end-product testing for  
 19 batch sterility:  
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CSP	Lot Number	Date Prepared	Assigned BUD	Number of Bags Prepared	Number of Bags Tested	Unlawful Findings
CPD anticoagulant solution	13-056	05/06/2016	09/06/2016	196 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags

	CSP	Lot Number	Date Prepared	Assigned BUD	Number of Bags Prepared	Number of Bags Tested	Unlawful Findings
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2							
3							
4	CPD anticoagulant solution	55-066	06/27/2016	10/27/2016	196 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags
5							
6							
7							
8	CPD anticoagulant solution	54-096	09/14/2016	01/14/2017	189 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags
9							
10							
11							
12	CPD anticoagulant solution	27-076	07/27/2016	11/27/2016	198 x 500 ml bags	1	Only one bag was tested for sterility which is less than 2% of all bags
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16 35. Complainant refers to and by this reference incorporates allegations of paragraphs 27  
17 through 32 above as though fully set forth.

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1 **THIRD CAUSE FOR DISCIPLINE**

2 **(Adulterated Medications)**

3 36. Respondents UCLA PT and Graul are subject to disciplinary action under section  
4 4169, subdivision (a)(2) and Health and Safety Code sections 111250 and 111295 for  
5 compounding drugs using expired ingredients. Specifically, the following were compounded  
6 with expired ingredients and then delivered to patients:

7

8 <b>CSP</b>	9 <b>Lot Number</b>	10 <b>Date Prepared</b>	11 <b>Assigned Beyond-Use- Date (BUD)</b>	12 <b>Number of Bags Prepared</b>	13 <b>Compounding Record Review</b>
14 MSG 4.28%, 15 MSA 3.92% 16 cardioplegic 17 solution	21-056	05/11/2016	09/11/2016	76 x 250 ml bags	Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17- U07-018656) expired on 11/07/2015
18 MSG 4.28%, 19 MSA 3.92% 20 cardioplegic 21 solution	19-125	12/08/2015	04/08/2016	80 x 250 ml bags	Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17- U07-018656) expired on 11/07/2015
22 CPD 23 anticoagulant 24 solution	55-066	06/27/2016	10/27/2016	196 x 500 ml bags	Active ingredient used in compounding (sodium phosphate monobasic, lot #1077539A) expired on 06/03/2016

25 37. Complainant refers to and by this reference incorporates allegations of paragraphs 27  
26 through 32 above as though fully set forth.

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**FOURTH CAUSE FOR DISCIPLINE**

**(Misbranded Medications)**

38. Respondents UCLA PT and Graul are subject to disciplinary action under section 4169, subdivision (a)(3) and Health and Safety Code sections 111330 and 111440 for labeling CSPs with misleading and false BUDs. Specifically, the following CSPs were found to be misbranded:

CSP	Lot Number	Date Prepared	Assigned Beyond-Use-Date (BUD)	Number of Bags Prepared	Compounding Record Review
MSG 4.28%, MSA 3.92% cardioplegic solution	21-056	05/11/2016.	09/11/2016	76 x 250 ml bags	Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17-U07-018656) expired on 11/07/2015
MSG 4.28%, MSA 3.92% cardioplegic solution	19-125	12/08/2015	04/08/2016	80 x 250 ml bags	Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17-U07-018656) expired on 11/07/2015
MSG 4.28%, MSA 3.92% cardioplegic solution	12-026	02/03/2016	06/03/2016	76 x 250 ml bags	Active ingredient used in compounding (L-glutamic acid, lot #R012M004) expired on 02/04/2016



CSP	Lot Number	Date Prepared	Assigned Beyond-Use-Date (BUD)	Number of Bags Prepared	Compounding Record Review
MSG 4.28%, MSA 3.92% cardioplegic solution	02-105	10/01/2015	02/01/2016	79 x 250 ml bags	Active ingredient used in compounding (L- aspartic acid, lot #R005M007) expired on 11/14/2015. Active ingredient used in compounding (sodium hydroxide pellets, lot #14A17- U07-018656) expired on 11/07/2015
CPD anticoagulant solution	55-066	06/27/2016	10/27/2016	196 x 500 ml bags	Active ingredient used in compounding (sodium phosphate monobasic, lot #1077539A) expired on 06/03/2016

39. Complainant refers to and by this reference incorporates allegations of paragraphs 27 through 32 above as though fully set forth.

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1 **FIFTH CAUSE FOR DISCIPLINE**

2 **(Expired Drugs In Pharmacy's Active Drug Stock)**

3 40. Respondents UCLA PT and Graul are subject to disciplinary action under section  
4 4342, subdivision (a) and Health and Safety Code sections 111250 and 111295 for allowing the  
5 following expired drugs and bulk chemicals to remain in Respondents' active drug stock:

6

7 Drug/Chemical Name	Quantity	Expiration Date On Drug
8 Hydroxyprogesterone	2 bottles	07/17/2016
9 caproate, USP 25 gm		
10 Estradiol, USP 1 gm	1 bottle	09/2016
11 Clopidogrel tablets, 75 mg	2 bottles	07/2016
12 Mexiletine capsules, 150 mg	1 bottle	09/2016
13 Mexiletine capsules, 200 mg	1 bottle	09/2016

14 41. Complainant refers to and by this reference incorporates allegations of paragraphs 27  
15 through 32 above as though fully set forth.

16 **SIXTH CAUSE FOR DISCIPLINE**

17 **(Improperly Verifying Adulterated and Misbranded Non-Sterile to Sterile Compounds**  
18 **Without Compliant End Product Tests)**

19 42. Respondent Graul is subject to disciplinary action under section 4300 for  
20 unprofessional conduct as defined in section 4301, subdivisions (j) and (o), in conjunction with  
21 section 4342, subdivision (a) for verifying at least eight (8) batches of adulterated or misbranded  
22 non-sterile to sterile compounds without compliant end product tests. Complainant refers to and  
23 by this reference incorporates allegations of paragraphs 27 through 32 above as though fully set  
24 forth.

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PRAYER

WHEREFORE, Complainant requests that a hearing be held on the matters herein alleged, and that following the hearing, the Board of Pharmacy issue a decision:

1. Revoking or suspending Pharmacy Permit Number PHE 45579, issued to The Regents of the University of California dba UCLA Medical Center Pharmaceutical Technology;
2. Revoking or suspending Sterile Compounding Permit Number LSC 100359, issued to The Regents of the University of California dba UCLA Medical Center Pharmaceutical Technology;
3. Revoking or suspending Pharmacist License Number RPH 52282 issued to Richard Charles Graul;
4. Ordering The Regents of the University of California, dba UCLA Medical Center Pharmaceutical Technology and Richard Charles Graul to pay the Board of Pharmacy the reasonable costs of the investigation and enforcement of this case, pursuant to Business and Professions Code section 125.3; and
5. Taking such other and further action as deemed necessary and proper.

DATED:

7/11/17

VIRGINIA HEROLD  
Executive Officer  
Board of Pharmacy  
Department of Consumer Affairs  
State of California  
*Complainant*

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